CATALOGUE NUMBER

Southwestern Presbyterian University

BULLETIN

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Clarksville, Tennessee

MARCH, 1919

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SOUTHWESTERN PRESBYTERIAN UNIVERSITY

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SOUTHWESTERN PRESBYTERIAN UNIVERSITY

CATALOGUE

FORTY-FIFTH SESSION

ANNOUNCEMENT

OF

Southwestern Presbyterian University

FOR THE YEAR
1919-1920

Clarksville, Tennessee

1918

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COLLEGE CALENDAR

Session 1918-19.

Jan. 3	Friday, 8:30 A. M.	College Session resumed.
Jan. 24-31		Semester Examinations.
Feb. 1	Saturday	Inter-term Holiday.
Feb. 3	Monday	Second Semester.
Feb. 22	Saturday	Washington's Birthday.
Feb. 23	Sunday	Day of Prayer for Colleges.
May 10	Saturday	Founders' Day.
May 27-29		Semester Examinations begin.
May 30-June 2		Commencement.
June 3-6		Semester Examinations closed.

Session 1919-20.

Sept. 16-17	Tuesday, Wednesday	Entrance Examinations.
Sept. 18	Thursday	Forty-fifth Session begins.
Nov. 27	Thursday	Thanksgiving Holiday.
Dec. 19	Friday, 1 P. M.	Christmas Holidays begin.
Jan. 2	Friday, 8:30 A. M.	College Session resumed.
Jan. 23-30		Semester Examinations.
Jan. 31	Saturday	Inter-term Holiday.
Feb. 2	Monday	Second Semester begins.
Feb. 22	Sunday	Day of Prayer for Colleges.
May 10	Monday	Founder's Day.
May 28-June 5		Semester Examinations.
June 6	Sunday	Baccalaureate Sermon.
June 8	Tuesday	Commencement Day.

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CORPORATION

Legal Title: The Southwestern Presbyterian University.
President: Charles Edward Diehl, D.D.....Clarksville, Tenn.
Treasurer: Charles William Bailey.....Clarksville, Tenn.
Secretary: Hon. Michael Savage.....Clarksville, Tenn.

DIRECTORS

Rev. Wm. McFaddin Alexander, D.D., LL.D., 1918.....
.....New Orleans, La.
Rev. Chas. Zenas Berryhill, 1920.....Holly Springs, Miss.
Hon. Jerome T. Fuller, 1920.....Centreville, Ala.
Hon. William T. Hardie, 1919.....New Orleans, La.
Rev. George Lang, D.D., 1919 .....University, Ala.
Major George Wythe Macrae, 1921.....Memphis, Tenn.
Rev. Robert H. McCaslin, D.D., 1921.....Montgomery, Ala.
Rev. William Henry McIntosh, 1921.....Magee, Miss.
Rev. Joseph Rennie, D.D., 1919.....Greenwood, Miss.
Hon. Michael Savage, 1919.....Clarksville, Tenn.
Hon. Tiley H. Scovell, 1920.....Shreveport, La.
Rev. James Isaac Vance, D.D., LL.D., 1920.....Nashville, Tenn.

EXECUTIVE COMMITTEE

The President, *Chairman*
Charles William Bailey
Major George Wythe Macrae
Benjamin Avery Patch
Michael Savage

CHARTER OF SOUTHWESTERN PRESBYTERIAN UNIVERSITY

State of Tennessee—Charter of Incorporation.

Be it known, that Thomas R. Welch, B. M. Palmer, John N. Waddel, Donald MacGregor, Evander McNair, John B. Shearer, D. N. Kennedy, W. K. Marshall, C. A. Stillman, Thomas A. Hamilton, James A. Lyon, and B. M. Estes are hereby constituted a body politic and corporate, by the name and style of the Southwestern Presbyterian University, for the purpose of establishing and maintaining in the city of Clarksville, County of Montgomery, State of Tennessee, a University with power to confer degrees. The object and scope of the Institution proposed shall be to found a school of instruction in the various liberal and professional studies, and in such special and polytechnic arts and studies as may be deemed necessary, and to be under the patronage of the Presbyterian Church in the United States.

This corporation is organized under and pursuant to an act of the General Assembly of the State of Tennessee, enacted March 23, 1875, Chapter 142; and in compliance with the terms of said act, which is as follows: "The support of any literary or scientific institution, as a College or University with power to confer degrees, an academy, debating society, lyceum, the establishment of a library, the support of a historical society, the promotion of paintings, music or the fine arts, the support of Boards of Trade, or Chambers of Commerce, or other objects of like nature."

We, the undersigned, apply to the State of Tennessee, by virtue of the laws of the land, for a charter of incorporation for the purposes and with the powers declared in the foregoing instrument.

THOS. R. WELCH (Seal)
B. M. PALMER (Seal)
JNO. N. WADDEL (Seal)
D. MACGREGOR (Seal)
JNO. B. SHEARER (Seal)
EVANDER MCNAIR (Seal)

St. Louis, May 20th, 1875.

I witness these six signatures,
J. W. HOYTE
D. N. KENNEDY

I, C. N. Gibbs, Secretary of State of the State of Tennessee, do certify that the foregoing instrument, with certificates of acknowledgment of probate and registration, was filed in my office for registration on the 31st day of May, 1875, and recorded on the 31st day of May, 1875, in Corporation Record Book A, in said office, pages 34 and 35.

In testimony whereof, I have hereunto subscribed my official signature; and by order of the Governor, affixed the Great Seal of the State of Tennessee, at the Department in the city of Nashville, this the 31st day of May, A. D. 1875.

CHAS. N. GIBBS,
Secretary of State.

FACULTY*

CHARLES EDWARD DIEHL, A.M., D.D.....President's House
President of the University

SCOTT CARY LYON, A.M.....606 College Street
Dean of the University

SCOTT CARY LYON, A.M. (Tulane University)
Professor of Chemistry and Biology

LAWRENCE INGLIS MACQUEEN, A.M. (University of Cincinnati)
Professor of Political and Social Science

ROBERT CECIL BEALE, A.M., PH..D. (University of Virginia)
Professor of English

CHARLES EDWARD DIEHL, A.M., D.D. (Princeton University)
Professor of Bible

CHARLES LOUIS TOWNSEND, A.M., PH.D. (Harvard University)
Professor of Modern Languages

DAVID LEVI SNADER, A.E., C.E. (University of Michigan)
Professor of Physics and Engineering

CLYDE PHARR, A.M., PH.D. (Yale University)
Professor of Ancient Languages

RICHARD A. ARMS, A.M., PH.D. (University of Pennsylvania)
Professor of Mathematics and Philosophy

JOHN C. BULGER, LIEUTENANT, U. S. A.
Professor of Military Science and Tactics

MARGARET HUXTABLE TOWNSEND, A.M. (McGill University)
Assistant Professor of English and History

INSTRUCTORS

MARION LEE MACQUEEN, B.A.
Instructor in Mathematics and Biology

ROBERT PRICE RICHARDSON, A.B.
Instructor in Physical Education

ADMINISTRATIVE OFFICERS

CHARLES WILLIAM BAILEY
Treasurer for the Corporation

HARDY GREENHILL
Registrar and Assistant Treasurer

CHARLES LOUIS TOWNSEND
Librarian

LILLIAN COOLEY
Assistant Librarian

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*Arranged in order of appointment to present rank.

COMMITTEES FOR THE FACULTY

The President of the University is ex-officio member of all committees.

ADMISSION

L. I. MacQueen, R. A. Arms, R. C. Beale

ALUMNAL RELATIONS

S. C. Lyon, M. L. MacQueen, R. P. Richardson

CURRICULUM

S. C. Lyon, D. L. Snader, C. L. Townsend

STUDENT ACTIVITIES

S. C. Lyon, R. A. Arms, L. I. MacQueen

GRADUATE SCHOOL

Clyde Pharr, C. L. Townsend, D. L. Snader

LIBRARY

C. L. Townsend, R. C. Beale, Clyde Pharr, L. I. MacQueen

PROPERTY

D. L. Snader, R. A. Arms, M. L. MacQueen

PUBLICATIONS AND PUBLICITY

L. I. MacQueen, R. C. Beale, M. H. Townsend.

PUBLIC EXERCISES

R. C. Beale, S. C. Lyon, M. H. Townsend

STUDENT WELFARE

R. P. Richardson, S. C. Lyon, L. I. MacQueen

SUPERINTENDENT OF COMMONS

L. I. MacQueen

ADMISSION

GENERAL REQUIREMENTS

All candidates for admission to Southwestern should enter into correspondence with the President at as early a date as possible. *No student will be received who does not present satisfactory testimonials of good character either from the principal of the school in which he was prepared or from some other responsible person who can offer testimony based on personal knowledge.*

Students who are known to have been guilty of dishonorable conduct in their preparatory school, or to drink or gamble, will not be received at this University, and it is earnestly requested that the names of such young men be not sent to the President for consideration. At Southwestern only those students who are willing to attend upon all duties faithfully, to give loyal support to the authorities, and to respect the regulations of the University, are desired.

METHODS OF ADMISSION

ADMISSION BY EXAMINATION

Students who desire to offer any subject or subjects listed below (page 13) for entrance, and have no credit therefor from an accredited preparatory school, may present themselves at the opening of the session for examination on the dates specified in the college calendar for entrance examinations, September 16 and 17.

ADMISSION BY CERTIFICATE

Students who have been graduated from accredited preparatory schools may be admitted upon presentation of a certificate blank, which may be secured from the Registrar upon application, and should be carefully filled out and signed by the principal of his preparatory school.

This blank should be prepared as early in the summer as possible and forwarded to the University, since at a later date it is frequently difficult to gain access to the

school records. It is also highly desirable that the prospective student should find out whether he will be accepted by the University before he presents himself at the opening of the session, in order that expense and inconvenience may be avoided, in case he should be rejected.

In order to be admitted to the Freshman Class of the University without condition, the applicant must present at least fifteen units of high school work. One unit represents a course pursued five hours a week for a school year.

A student may be admitted conditionally upon the presentation of thirteen units, but it is highly undesirable for a student, unless possessed of unusual ability, to enter upon collegiate work until he is well prepared to undertake it successfully. *Entrance conditions are serious handicaps to a student and should be avoided if at all possible.*

All entrance conditions must be made up before the beginning of the Sophomore year, and no student is allowed to enter upon the work of that year unless all such conditions have been removed.

The subjects which may be presented for admission to the Freshman Class and the number of units at which each is valued are given in the following list:

ENTRANCE UNITS

Subject	*Rating*	*Subject*	*Rating*
Agriculture	1	Geography	1
Biology	½ to 1	German	1 to 3
Botany	½ to 1	Greek	1 to 3
Chemistry	1	History	1 to 4
Civics	½ to 1	Latin	1 to 4
Commercial Arithmetic	½	Manual Training.	1
Domestic Science.	1	Mathematics	2 to 3½
Drawing	1	Physics	1
English	3 to 4	Physiology	1
French	1 to 3	Spanish	1 to 3
		Zoology	½ to 1

From the above list every student applying for admission must present three units in English and two in Mathematics. The remaining ten units may be offered in any other subjects on the list. In no case may less than

eight additional units be offered by those students who enter as candidates for a degree, and not more than one unit may be offered in vocational subjects.

Applicants over twenty years of age, who give evidence of ability, may be admitted to a course of study without degree, pursuing that work for which they are prepared. For such students the unit requirements for admission may be waived. These requirements must be met, however, whenever such student offers himself as a candidate for a degree.

ADMISSION TO ADVANCED STANDING

A candidate for admission to advanced standing from an institution of collegiate rank may receive credit without examination for work completed at such an institution subject to the following requirements:

1. He must present a catalogue of the institution from which he comes together with an official certificate showing (a) his entrance credits at that institution, (b) his college record, including grade of scholarship in each subject taken, (c) honorable dismissal.

2. He must have completed creditably the work of at least one semester in an institution of collegiate rank.

3. He must satisfy the entrance requirements of the Southwestern Presbyterian University, using his advanced credits for this purpose if necessary.

4. Credit is allowed only for work equivalent to courses in the Southwestern Presbyterian University.

5. Credit for such advanced courses is regarded as provisional at the time of the applicant's admission to college, and will not be considered as final, nor will the applicant receive final enrollment until he has satisfactorily completed at least one semester's work in the University.

ADMISSION OF WOMEN

Since the action of the Board of Directors of the University on October 26, 1916, together with subsequent actions, women have been admitted as students to the Southwestern University and are eligible to all degrees offered by the University. The number of those enrolled has increased from year to year and it is expected that the University can in this way meet a considerable need in the territory immediately adjacent to Clarksville. The requirements for admission and the University fees are the same for women as they are for men. There is a rest room for the use of women in the Stewart Building, adjoining the offices of administration. This room is equipped with every convenience for study and relaxation.

Where young women wish to matriculate in the University who do not reside in or near Clarksville, they should communicate with the President of the University and suitable boarding places will be provided for them.

EXPLANATION OF ADMISSION UNITS

ENGLISH—3 UNITS REQUIRED

The preparation in English required for entrance includes the following:

ENGLISH A. *Grammar and Grammatical Analysis.*—Study of inflections and rules of syntax; practical knowledge of the sentence analysis; spelling, capitalization and punctuation. Text-books recommended: Sanford and Brown's English Grammar, Kittredge and Farley's Advanced English Grammar.

ENGLISH B. *Composition and Rhetoric.*—Study of the general principles of composition, the fundamental qualities of style, the selection and arrangement of words, sentence and paragraph structure, the forms of discourse, practice in planning, outlining and writing simple themes, the essentials of good form in composition. Text-books recommended: Lewis and Hosic's Practical English for High School, Dawson and Herrick's New Composition and Rhetoric.

ENGLISH C. *English Literature.*—The reading and study of specimens of English and American literature selected from the following groups prescribed for college entrance by the National Conference on Uniform Entrance Requirements for 1915-19.

REQUIRED FOR STUDY

GROUP 1. (One to be selected.)—Shakespeare's Julius Caesar, Macbeth or Hamlet.

GROUP 2. (One to be selected.)—Milton's L'Allegro, Il Penseroso, and either Comus or Lycidas; Tennyson's The Coming of Arthur, The Holy Grail and The Passing of Arthur; Palgrave's Golden Treasury (First Series), Book IV.

GROUP 3. (One to be selected.)—Burke's Conciliation with America; Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Two

Speeches on Copyright and Lincoln's Speech at Cooper Union.

GROUP 4. (One to be selected.)—Carlyle's Essay on Burns, with a selection from Burns' Poems; Macaulay's Life of Johnson; Emerson's Essays on Manners.

REQUIRED FOR READING

GROUP 1. (Two to be selected.)—Selections from the Old Testament; The Odyssey, omitting, if desired, Books I-V, XV-XVII; The Iliad, omitting, if desired, Books XI, XIII, XIV, XV, XVII, XXI; Virgil's Aeneid. For any selection from this group a selection from any other group may be substituted.

GROUP 2. (Two to be selected.)—Shakespeare's Merchant of Venice; Shakespeare's Midsummer Night's Dream; Shakespeare's As You Like It; Shakespeare's Twelfth Night; Shakespeare's Henry V; *Shakespeare's Julius Caesar; Shakespeare's The Tempest; Shakespeare's Romeo and Juliet; Shakespeare's King John; Shakespeare's Richard II; Shakespeare's Coriolanus; *Shakespeare's Macbeth; *Shakespeare's Hamlet.

GROUP 3. (Two to be selected.)—George Eliot's Silas Marner; Goldsmith's Vicar of Wakefield; either Scott's Ivanhoe, or Scott's Quentin Durward; Dickens' Tale of Two Cities; Stevenson's Treasure Island; Swift's Gulliver's Travels; Cooper's Last of the Mohicans; Defoe's Robinson Crusoe, Part I; Hawthorne's House of the Seven Gables, Twice Told Tales, or Mosses from an Old Manse; Thackeray's Novels, any one; Mrs. Gaskell's Cranford; Malory's Morte d'Arthur; Bunyan's Pilgrim's Progress, Part I; Frances Burney's Evelina; Jane Austen's Novels, any one; Kingsley's Westward Ho! or Hereward the Wake; Reade's The Cloister and the Hearth; Blackmore's Lorna Doone; Hughes's Tom Brown's School Days; Poe's Selected Tales; A Collection of Short Stories by Various Writers.

GROUP 4. (Two to be selected.)—Sir Roger De Coverly Papers or Selections from The Tatler and the Spectator;

*If not chosen for study.

Franklin's Autobiography; Irving's Sketch Book, or Life of Goldsmith; Thackeray's English Humorists; Selections from the Essays of Elia; Ruskin's Sesame and Lilies; Parkman's Oregon Trail; Thoreau's Walden; Huxley's Autobiography and extracts from Lay Sermons; Stevenson's Inland Voyage and Travels with a Donkey; Boswell's Life of Johnson; Southey's Life of Nelson; Lockhart's Life of Scott; Trevelyan's Life of Macaulay; Dana's Two Years Before the Mast; Lowell's Selected Essays; Holmes's The Autocrat of the Breakfast Table; Essays by Bacon, Lamb, DeQuincey, Emerson, etc.; Letters by Various Writers.

Group 5. (Two to be selected.)—Goldsmith's Deserted Village and The Traveller; Coleridge's Ancient Mariner, Christabel and Kubla Khan; Scott's Lady of the Lake; Macaulay's Lays of Ancient Rome, The Battle of Nasby, The Armada, Ivry; Tennyson's The Princess, or Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Select Poems; Arnold's Sohrab and Rustum and The Forsaken Merman; Byron's Childe Harold, Canto III or IV, and Prisoner of Chillon; Palgrave's Golden Treasury (First Series), Books II and III; Pope's The Rape of the Lock; English and Scottish Ballads; Selections from American Poetry; Palgrave's Golden Treasury (First Series), Book IV (if not chosen for study).

GREEK

One to three units.

A. Grammar and Composition. One unit. The forms, inflections and simpler constructions; prose composition.

B. Xenophon. One unit. Four books of the Anabasis or equivalent. Study of irregular verbs, sight reading of easy passages and composition based on Xenophon.

C. Homer. One unit. Three books of the Iliad. Homeric forms, syntax, prosody.

LATIN

One to four units.

A. Grammar and Composition. One unit. The regu-

lar inflections and the more common irregular forms, the simpler constructions, translation of easy prose and composition based on vocabulary and syntax of authors read.

B. Caesar. One unit. Four books of the Gallic War or of the Civil War.

C. Cicero. One unit. Orations against Catiline, for the Manilian Law, and for Archias.

D. Vergil. One unit. Aeneid I-VI.

Instead of the reading specified above, an equivalent amount may be selected from the following authors and works: Caesar (Gallic War and Civil War) and Nepos (Lives); Cicero (Orations, Letters and De Senectute) and Sallust (Catiline and Jugurthine War); Vergil (Eclogues, Georgics and Aeneid) and Ovid (Metamorphoses, Fasti and Tristia).

GERMAN

One to three units.

1. *Elementary.* Two units. During the first year the work should comprise: (1) careful drill upon pronunciation; (2) the memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (5) the reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), in the reproduction from memory of sentences previously read.

During the second year the work should comprise: (1)

the reading of from 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in the translation into German of easy variations upon the matter read and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of the grammar, directed to the ends of enabling the pupil, first, to use his or her knowledge with facility in the formation of sentences, and, secondly, to state his or her knowledge correctly in the technical language of grammar.

2. *Intermediate.* One unit. The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word formation.

MATHEMATICS

MATHEMATICS—3 OR 3½ UNITS

1. One, one and a half, or two years of high school work in algebra, including the use of exponents and radicals, and the solution of equations of the second degree in one and in two unknown quantities, with work in problems covering the same ground. One to two units.

2 One year in plane geometry, completing the five books, with abundant practice in original exercises. One unit.

3. One-half year in solid geometry, completing the subject. One-half unit.

FRENCH

One to three units

1. *Elementary.* Two units. During the first year the work should comprise: (1) careful drill in pronouncia-

tion; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice of translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

During the second year the work should comprise (1) the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of conditional and subjunctive.

2. *Intermediate.* One unit. This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation and drill in pronunciation.

SPANISH

One to three units

1. *Elementary.* Two units. During the first year the work should comprise: (1) careful drill in pronuncia-

tion; (2) the rudiments of grammar, including the conjugation of the regular and the more common irregular verbs, the inflection of nouns, adjectives, and pronouns, and the elementary rules of syntax; (3) exercises containing illustrations of the principles of grammar; (4) the reading and accurate rendering into good English of from 100 to 175 duodecimo pages of graduated texts, with translation into Spanish of easy variations of the sentences read; (5) writing Spanish from dictation.

During the second year the work should comprise: (1) the reading of from 250 to 400 pages of modern prose from different authors; (2) practice in translating Spanish into English, and English variations of the text into Spanish; (3) continued study of the elements of grammar and syntax; (4) mastery of all but the rare irregular verb forms and of the simpler uses of the modes and tenses; (5) writing Spanish from dictation; (6) memorizing of easy short poems.

2. *Intermediate.* One unit. For intermediate work in Spanish the students should have completed a course similar and equivalent to the intermediate work in French outlined above.

A test of ability to pronounce and understand Spanish when read to the student will be required.

HISTORY

One to four units.

Preparation in history will be given credit upon the basis of time devoted to the study of each branch of the subject, rather than upon the amount of ground covered. The training in history should require comparison and the use of judgment on the pupil's part, rather than the mere use of memory. The use of good text-books, collateral reading, practice in writing, and accurate geographical knowledge are essential.

Ancient, Mediæval and Modern, English, or American History may be offered. A full year's work in any one will be credited as one unit. Every applicant should be familiar with American History and Geography, as us-

ually taught in good high schools, and is advised to offer at least one other year in this subject.

CIVICS

One-half unit.

Civil Government. In order that credit shall be given for the study of Civil Government, it must be studied as a separate subject for five periods a week for a half year. The importance of at least an elementary knowledge of this subject to every citizen cannot be exaggerated, and it is hoped that it may form a part of the curriculum of every high school.

PHYSICS

One unit.

One year's work in some good text-book like Gage, Carhart and Chute, or Millikan and Gale, with at least forty hours of laboratory work, and the tender of the laboratory note-book.

CHEMISTRY

One unit.

The study of a standard elementary text-book with demonstrations by lecture experiments; not less than forty hours of laboratory work, with tender of the laboratory note-book.

BOTANY

One unit.

One year's work in some good elementary text-book, including a careful study of anatomy and morphology; physiology; ecology; the natural history of the plant groups, and classification; at least forty hours of laboratory work and excursions, with tender of laboratory books and drawings.

ZOOLOGY

One unit.

One year's work following a good elementary text-book, with at least forty hours of laboratory work and excur-

sions, with tender of laboratory book with carefully labeled drawings of the chief structures studied anatomically.

BIOLOGY

One unit.

One year's work following a good elementary text-book, with at least forty hours of laboratory work, and excursions covering the elements of Botany and Zoology, with tender of laboratory book with carefully labeled drawings of the structure studied.

PHYSIOGRAPHY

One unit.

The preparation of Physiography should include the study of at least one of the modern text-books, together with an approved laboratory and field course of at least forty exercises actually performed by the student.

PHYSIOLOGY

One unit.

One year's work in some good text-book like Martin's Human Body, elementary course, or the equivalent. The course should include a study of the nature of foods and their history in the body, the essential facts of digestion, absorption, circulation, secretion, excretion, and respiration; the motor, nervous, and sensory functions; and the structures of the various organs by which these operations are performed. A note-book with careful outline drawings of the chief structures studied anatomically should be tendered as part of the examination. The course should have been illustrated by dissections of a cat or other lower vertebrate.

VOCATIONAL SUBJECTS

AGRICULTURE

One unit.

The course should have been guided by a good elementary text-book on Agriculture, with practical demonstrations and experiments by the student in the school-gar-

den or on the farm. Practical experience on the farm will also be counted towards this credit, and where this practical experience has extended over two or more years it may be accepted for the Agricultural course as fulfilling the requirement without the text-book study.

DRAWING

One unit.

A full year's work in freehand and mechanical drawing, including geometrical, plane and solid figures, simple pieces of machinery, with a fair knowledge of the rules of perspective, and light and shade sketching from casts and other objects. Samples of work must be submitted.

DOMESTIC SCIENCE AND ART

One unit.

One full year's work of not less than six hours per week in cookery, sewing, fitting, or other work usually included in high school courses in this subject. A satisfactory statement from the instructor must be tendered, showing the amount and character of the instruction and practice received.

REQUIREMENTS FOR GRADUATION

DEGREE OF BACHELOR OF ARTS

All applicants for the degree of Bachelor of Arts must complete at least one hundred and twenty-six semester hours, exclusive of laboratory work, in which must be included one year of Mathematics, unless an ancient language is substituted, two years of English, one year of History, one year of Philosophy, one year of Chemistry, Biology or Physics, two years of Bible study and the minimum requirements of one foreign language.

The minimum requirement for any foreign language begun in college is eighteen semester hours. When only three units of Latin are offered for admission or when one unit of Greek is offered, twelve semester hours of Latin or Greek are required. When four units of Latin are offered for admission, six semester hours of either Latin or Greek will meet this requirement. As a general principle in determining the value of high school courses for advanced credit in modern languages two units are counted as equivalent to one year of college work.

An applicant for a degree must have a reading knowledge of German, French, or Spanish, and must have attained an average grade of seventy for his entire degree course.

In addition to the one hundred and twenty-six semester hours, work is required of all Freshmen and Sophomores in Public Speaking and Military Science and Tactics (R. O. T. C.).

All students must so arrange their courses of study as to include two majors, both of which must be completed in the Senior year, and only one of which may be selected from Science or Mathematics. A major consists of eighteen semester hours in the same subject, which may be pursued either (1) during six consecutive semesters, or (2) during the Junior and Senior years. Thus, the work for neither major may be entered upon until the close of the Freshman year.

One additional elective above the requirements may

be taken in the Sophomore, Junior, and the Senior years. Credit for work previously taken may not be used to reduce the required number of courses in any semester.

No student will be permitted to remain in the University longer than one year with an entrance condition.

FRESHMAN YEAR

FIRST AND SECOND SEMESTERS

1. Bible Study.
2. English.
3. Social and Economic Problems.
4. Mathematics or Latin or Greek.
5. Spanish or German or French.
6. Hygiene and Physiology.
7. Military Science and Tactics (R. O. T. C.).

Total, 34 semester hours.

SOPHOMORE YEAR

FIRST AND SECOND SEMESTERS

1. Bible Study.
2. English.
3. Foreign Language.

4 and 5. One subject from each group:

(a) Biology, Chemistry, Physics, Mathematics, or Latin or Greek.

(b) Economics, Sociology, Psychology, History.

6. Military Science and Tactics (R. O. T. C.).
7. Optional Course.

Total, 30 to 36 semester hours.

JUNIOR YEAR

1. First Major.*
2. Second Major.
3. Elective.
4. Elective.
5. Elective.
6. Optional course ———.

Total, 30 or 36 semester hours ———.

SENIOR YEAR

1. First Major, completed.
2. Second Major, completed.

*For definition of a major, see page 27.

3. Elective.
4. Elective.
5. Elective.
6. Optional course ———.

Total, 30 or 36 semester hours ———.

DEGREE OF BACHELOR OF SCIENCE

All applicants for the degree of Bachelor of Science must complete at least one hundred and twenty-six semester hours, in which must be included one year of Mathematics, four years of Science, to be selected from Biology, Chemistry, and Physics, two years of English, two years of Bible, and the minimum requirement in one modern language, as defined under the statement of the requirements for the degree of Bachelor of Arts. However, students electing pre-engineering courses may omit one year of English, but are required to take three years of Mathematics and must elect Mechanical Drawing, Mechanics and Surveying.

In addition to the one hundred and twenty-six semester hours, work is required of all Freshmen and Sophomores in Public Speaking and Military Science and Tactics (R. O. T. C.).

An applicant for a degree must possess a reading knowledge of at least one foreign language and must have attained an average grade of seventy per cent for his entire degree course.

Applicants for the degree of Bachelor of Science must arrange their course of study so as to comply with the requirements for two majors, as explained under the requirements for the degree of Bachelor of Arts, with these restrictions, that both majors must be selected from Chemistry, Biology, Physics, and Mathematics.

The requirement as to the number of hours to be selected in each semester and in regard to the removal of conditions is identical with that of the Degree of Bachlor of Arts.

FRESHMAN YEAR

FIRST AND SECOND SEMESTERS

1. Bible Study.
2. English.

3. Social and Economic Problems.
4. Mathematics.
5. Spanish or German or French.
6. Biology or Chemistry or Physics or Hygiene and Physiology.
7. Military Science and Tactics (R. O. T. C.).

Total, 34 semester hours.

SOPHOMORE YEAR

FIRST AND SECOND SEMESTERS

1. Bible Study.
2, 3, 4, 5. Two subjects from each of the following groups:
   (a) English, Foreign Language, Economics, Psychology, Sociology, History.
   (b) Biology, Chemistry, Mathematics, Physics.
6. Military Science and Tactics (R. O. T. C.).
7. Optional Course.

Total, 30 to 36 semester hours.

JUNIOR YEAR

1. First Major.*
2. Second Major.
3. Elective.
4. Elective.
5. Elective.
6. Optional course ———.

Total, 30 or 36 semester hours ———.

SENIOR YEAR

1. First Major, completed.
2. Second Major, completed.
3. Elective.
4. Elective.
5. Elective.
6. Optional course ———.

Total, 30 or 36 semester hours ———.

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*For definition of a major see page —.

PRE-ENGINEERING COURSE

FRESHMAN YEAR

FIRST AND SECOND SEMESTERS

1. Bible Study.
2. English.
3. Mathematics.
4. Chemistry or Physics.
5. Social and Economic Problems.
6. Mechanical Drawing.
7. Military Science and Tactics (R. O. T. C.).

Total, 36 semester hours.

SOPHOMORE YEAR

FIRST AND SECOND SEMESTERS

1. Bible Study.
2. Mathematics.
3. Chemistry.
4. Physics.
5. Descriptive Geometry.
6. Surveying and Mechanics.
7. Military Science and Tactics (R. O. T. C.).

JUNIOR AND SENIOR YEARS

Students who desire to fit themselves for responsible positions in the engineering world have found that the best preparation for successful technical work is represented by a Bachelor of Science degree, so differentiated as to afford preparation for the specific field of engineering which they desire to pursue, whether chemical, electrical, mechanical, or industrial. A student may enter the best technical schools with advanced standing after the completion of the Freshman and Sophomore years, but he is strongly advised to complete the full four years of college work if he aspires to secure and maintain a position of eminence in his profession. A large number of courses are offered from which selection may be made according to the needs and desires of the individual student.

PRE-MEDICAL COURSE

Students who intend to study medicine should arrange to pursue the following courses: General Biology and Bacteriology; Inorganic and Organic Chemistry and Physiological Chemistry; French and German for one or two years each, depending on the amount of previous preparation; one year each in Mathematics and Physics; two years at least in English, and additional courses, such as General Psychology, Sociology, Economics and History.

Such a course carried forward to a Bachelor of Arts degree affords that necessary preparation for entrance to the best medical schools in the United States, admission to which is allowed only to those who hold a Bachelor's degree. The schedule outlined above provides the requisite course of preparation for admission to the Medical School of Johns-Hopkins University and covers in every particular the most stringent requirements.

Those students who are unavoidably forced to choose a medical school of lower standing may be prepared for admission by the completion of the Freshman and Sophomore work. This should include Biology, Chemistry, German or French, English, together with such additional courses in Psychology, Sociology and History as the time permits.

The eminent advisibility of a full four years' course of study leading to a Bachelor's degree cannot be too strongly emphasized as the minimum cultural and semi-vocational training for the successful practice of medicine.

OTHER PRE-VOCATIONAL COURSES

Many students are now entering college with a definite objective before them for which they desire specific preparation. Southwestern meets this need for a number of vocations.

LAW.

For those who are preparing for the legal profession, invaluable training can be secured in the election of such courses as Economics, Government, General Psychology,

Social Psychology, Sociology, Social Pathology, Logic, Business Law, together with various courses in History, English, and Latin.

These courses will provide a foundation upon which a solid structure of professional training can be laid and without which a legal training would be lacking in breadth and cultural background.

BUSINESS

Students preparing for active business careers can secure at this University much that will be necessary for the successful conduct of business and will be furnished with those fundamental principles of all business enterprise which represent the necessary equipment of any man expecting to enter into this field of work under modern conditions. Special attention is called to the following courses: Business Organization and Administration, Business Law, Money and Banking, Investments, Business Writing, Journalism, Economics, American Financial History, Sociology, and Psychology. Such additional courses as Advertising, Salesmanship, Insurance, Transportation, and the like are also offered from time to time as the demand for such work arises.

THE MINISTRY

Candidates for the Christian Ministry will find complete and thorough preparation for admission to a Theological Seminary in the regular course leading to a Bachelor of Arts degree. Especial attention, however, should be called to the thorough courses in Biblical history, literature, and philosophy. In addition to the regular courses in Latin and Greek, a course in New Testament Greek may be secured. A wide range of courses of vital importance to a prospective minister is also to be found in the Departments of Philosophy and Psychology and Economics and Sociology.

The fact that a number of the most effective and influential ministers in the South have been trained at Southwestern is indicative of the thoroughness and adequacy of the training which the University affords.

TEACHING

Special courses are offered for those who are preparing to enter the teaching profession in the History of Education, Educational Psychology and School Administration. The Principles and Methods of Teaching as applied to Mathematics is offered for this year and similar courses are open in other departments when desired. Courses in General Psychology, Sociology, as well as other courses in these departments are of especial importance. Students of this University taking the courses outlined above in connection with their college course leading to a degree are eligible for a teacher's certificate in the State of Tennessee without examination.

GRADUATE WORK

Candidates for the degree of Master of Arts, or Master of Science, are expected to make application to the Registrar for permission to enter upon a course of study for the degree. This application should be made not later than one week before the opening of the University and should contain complete data as to the undergraduate work completed by the candidate. The departments in which he desires to pursue his major and minor courses should also be indicated.

This application will be considered by the Committee on Graduate Instruction and, if favorably acted upon, the candidate will be notified and furnished with the name of the professor whom he must consult and under whose general direction his courses must be pursued.

All candidates for graduate degrees must have a baccalaureate degree from the Southwestern Presbyterian University or from an institution having an equivalent curriculum.

To obtain the degree of Master of Arts or Master of Science at least one year of resident work is necessary and all candidates must possess a reading knowledge of French or German.

The candidate shall select a major subject and one or two minors. The major work must be undertaken in

some department in which there have been completed undergraduate courses of study of such advanced grade as to satisfy the department of his fitness to enter upon graduate work. In cases where two minors are elected, one minor need not be related to the major subject.

The standard of work is a minimum grade of eighty per cent in each course. The amount of work done shall be acceptable to the department concerned and to the Committee on Graduate Instruction. A final examination in each course is held in the case of every candidate for the Master's Degree and is in part oral. The oral examination is open to all members of the Faculty.

A thesis may be required from every candidate for a graduate degree upon some subject set by the professor in charge of the major work for the degree. This thesis must be accepted and approved by this professor before the candidate may be admitted to the final examination, and three typewritten copies of this thesis must be submitted.

Candidates are expected to appear in person at the conferring of the degrees.

COURSES OF INSTRUCTION

ASTRONOMY

This course is an introduction to General Astronomy. Sufficient of the mathematical side of the subject is presented to enable the student to compute, from observations, latitude, longitude, time, and eclipses. The effort is made to develop a thorough knowledge of the solar system, and a partial study of constellations is undertaken. The practical use of instruments is taught. Observations and night work must be done as required. Lectures and recitations.

Three hours a week throughout the year. Not open to Freshmen or Sophomores.

BIBLE STUDY

The prominence given to the study of the English Bible is one of the distinctive characteristics of this institution. In all the courses the effort is made to present the material in such a manner that it shall not be wholly technical, but shall have practical bearing upon the student's life. The study is therefore made one of historical interest, of educational value and of practical effect.

As a stimulus to scholarship in this department the Stewart Bible Medal, provided by Mrs. Bryce Stewart, is presented to the student who completes the course of study in English Bible with the highest grade above distinction.

BIBLE 1 AND 2. *Old Testament History.*—A thorough study of Jewish history from the beginning to the birth of Christ. The entire Old Testament is read and the periods of Jewish development, including the period between the Testaments are studied through lectures and class discussion. Biblical geography and contemporary history are fully treated with the help of maps and charts. Parallel reading in standard works of reference is required.

Required of all Freshmen. Twice a week throughout the year.

BIBLE 3 AND 4. *New Testament History.*—The course

includes the life of Christ, the Acts of the Apostles, and the New Testament Epistles. Detailed study is made of the life and teachings of Christ with thorough presentation of the social and political conditions then existing among the Jews. The rise of the New Testament church is traced through the history of the Apostles, and the Apostolic teachings are analyzed through the study of the remaining New Testament books.

Required of all Sophomores. Twice a week throughout the year.

5 and 6. *The New Testament in Greek.*—Selections will be read in class from John, Galatians, and Ephesians. Extensive private reading including the remaining books of the New Testament. Lectures and reports.

Prerequisite: Greek 1 and 2.

BIOLOGY

1. *Human Physiology.*—A study of the structure and processes of the human body designed to furnish the student a sound scientific basis for understanding the principles of hygiene as applied to personal and public health.

First semester, two hours per week. Required of all Freshmen for A.B. Elective for B.S.

2. *Hygiene and Sanitation.*—In this course the fundamental laws of Hygiene are emphasized with a view to giving the student the necessary knowledge for practical application in matters of Sanitation. Prevention of disease is the topic mainly dwelt upon.

Second semester, two hours per week. Required of all Freshmen for A.B. Elective for B.S.

3 and 4. *General Biology.*—This course consists of an introduction to general Biology and will serve as a foundation for advanced work in either Zoology or Botany. It is the basis for all other courses in Biology. The work is devoted to a study of the fundamental biological laws relating to both plants and animals. The course is constructed so as to have the greatest possible general cultural and educational value for students who do not intend to specialize in this field, as well as furnish-

ing a broad foundation for those who do. Recitations and lectures.

Three hours a week. Laboratory not less than two hours. Prerequisite for all other courses in Biology.

5 and 6. *Bacteriology.*—This course is an introduction to general Bacteriology and is designed to serve especially the needs of students looking forward to courses in medicine, sanitation or related work. It is, however, eminently practical, and the course will be a valuable asset to any one's knowledge. Not only pathogenic organisms, but in a general way all the micro-organisms that are known to affect any of man's activities are considered. The microscopy and bacteriology of water and milk are especially emphasized.

Recitations and lectures three hours a week. Laboratory not less than four hours a week.

7 and 8. *General and Comparative Zoology.*—A general but careful survey of the whole animal kingdom with special emphasis laid upon comparative structure and physiology. The latter part of the year will be devoted to developing in greater detail the knowledge of some important subdivision of the animal kingdom to be selected by the class and instructor.

Recitations and lectures three hours and laboratory not less than two hours a week. Students who elect Biology as a major subject see also Chemistry 4.

9 and 10. *Economic Entomology.*—This course combines both a study of the plant kingdom and entomology. It deals primarily with relationships of crops and insects, and every effort is made to keep the very practical phase of the subject constantly before the student. The work will be particularly interesting and valuable to those interested in any branch of agriculture.

Recitations and lectures three hours a week. Laboratory and field work is required. Students who elect Biology as a major subject see also Chemistry 4.

CHEMISTRY

1 and 2. *General Chemistry.*—This year is devoted to general inorganic Chemistry with a brief outline and in-

troduction to the chemistry of the more common carbon compounds. It is the basis for all other courses in Chemistry and at the same time is designed to give students who may not specialize in Chemistry a broad cultural course in the subject.

Recitations and lectures three hours a week, laboratory not less than two hours. Prerequisite for all other courses in Chemistry.

3 and 4. *Analytical Chemistry.*—A course in Qualitative Analysis and Volumetric Qualitative Analysis. This course begins with systematic basic and acid qualitative analysis and then proceeds to quantitative analytical methods. Special emphasis is laid upon current methods used in industrial processes. Every effort is made to have the student thoroughly grounded in analytical principles as well as to develop a high grade of technical skill in practical analytical methods.

Recitations and lectures two hours a week, laboratory not less than four hours.

5 and 6. *Organic Chemistry.*—This is a general course in Organic Chemistry, with special emphasis laid upon structure and relationship of the carbon compounds. This course will be of great value to those contemplating the study of medicine or specializing in foods or drugs, as well as of general interest.

Recitations and lectures three hours and laboratory not less than two hours a week.

7 and 8. *Physiological Chemistry.*—(This course can be offered in lieu of one course in Biology provided the prerequisites for admission are satisfied.) A special course particularly adapted to those contemplating the study of medicine, or becoming clinical laboratory workers. The practical side of the subject, both in class room and laboratory, is especially emphasized. Chemistry 3 and Biology 1, or equivalent courses, are prerequisites for admission.

Recitations and lectures two hours, laboratory not less than four hours a week.

COMPARATIVE LITERATURE

This course is complementary to the advanced courses in English and should be taken in connection with them. Its object is to introduce the student to the masterpieces of foreign literature through the medium of the best English translations.

Open to Juniors and Seniors, and to such others as may obtain the special permission of the instructor to enroll for the course. Not offered unless elected by at least five students. Not given 1919-20. Introduction to European literature with special attention to classical literature and the Renaissance.

ECONOMICS

1 and 2. *Social and Economic Problems.*—Believing that it is the function of liberal education to relate a man to the human situation as soon as he is able to appreciate membership in a social group, this course is designed to point out to the Freshman the vital and absorbing problems of life in their social and economic aspects. This course does not endeavor to present more than a mere outline of the institutions upon which the social structure rests, but it rather is intended to bring home to the student the fact of society and his own part in it and responsibility to it. Thus emphasis is placed on the relation of the individual to the group; the function of the family; social control by education, religion, social pressure; problems connected with labor and the existing industrial economy; poverty; crime; the position of woman and the rights of childhood.

The course is illuminative rather than conclusive and aspires only to awaken the mind of the student to the presence and importance of the problems and to arouse an intelligent interest rather than to present any tentative solutions or to encourage the belief that sufficient data has been presented to permit of any definite conclusions.

No set text-books will be used in this course, which will be conducted through lectures, assigned readings, the preparation of frequent essays, and written tests.

Two hours a week throughou the year.

3 and 4. *General Economics.*—This course is a study of the leading principles of economic science, affording a general survey of industrial society, its structure, its institutions, its operations. An effort is made to furnish the student with the fundamental theories of economics during the first semester. During the second semester these will be applied to the more outstanding economic problems of the present time.

The course is conducted by means of text-books, collateral reading, the preparation of papers on assigned topics, and lectures.

Three hours a week throughout the year. Not open to Freshmen.

5. *Business Law.*—This course is designed to familiarize the student with the fundamentals of law as it is applicable to ordinary business procedure. The general principles of the law regarding contracts, bailments, insurance, sales, negotiable instruments, agency, and the like will be considered.

First semester. Not open to Freshmen.

6. *Business Organization and Administration.*—This course is especially designed for those who are preparing for business as a distinct profession. The forms of organization with special reference to the partnership and corporation, business systems and methods, cost-keeping, selling, advertising, credits and collections will each receive attention.

Second semester. Not open to Freshmen.

7. *Financial History of the United States.*—Early colonial financial legislation, the establishment of a national system, United States banks, the independent treasury, the various banking and tariff acts, together with a consideration of public revenues and expenditures will form the content of this course.

First semester. Open to students majoring in history or economics.

8. *Economic History of the United States.*—The topics covered in this course include a study of popula-

tion, immigration, agriculture, mining, manufacture, relations of labor and capital, domestic and foreign trade and railroad expansion.

Second semester. Requirements for admission the same as in Course 5.

9. *Money and Banking.*—The principal forms of money and credit as at present in use and the fundamentals of banking with a study of the various forms of banking institutions will be considered.

First semester. Course 1 prerequisite.

10. *Investments.*—The fields of investment will be covered in as detailed manner as possible, including railway, mining, and industrial securities, together with the bonds of government and municipalities. The aim of the course is so to train students as to enable them to make wise and conservative investments.

Second semester. Course 1 prerequisite.

11 and 12. *Sociology.*—This course is planned to present to the student a general consideration of the facts of social organization, social development, social control, social pathology, and social ideals. Some specific social problem is selected from year to year for more detailed study. In addition, a large amount of reading is assigned dealing with the practical social problems; the family; the child; delinquents, defectives, and criminals; the city; immigration; the negro; poverty and pauperism. Written reports are required from time to time.

Three hours a week, both semesters. Not open to Freshmen.

13. *Social and Applied Psychology.*—The psychological process of groups, with a study of suggestibility, imitation, invention, etc. Attention will be given to present-day application of the principles involved to industry, institutional life and legal procedure.

First semester. Course 7 is prerequisite.

14. *Social Pathology.*—A general study of poverty, pauperism, unemployment, epilepsy, insanity. Special emphasis will be placed upon crime as a sociological problem.

Second semester. Course 7 is prerequisite.

ENGINEERING

For those students selecting their major subjects in Science and who expect to pursue further one of the full four-year courses in Engineering at one of the more highly specialized technical universities; or who may wish to prepare themselves for an industrial career, executive in character, in the shop or factory; or who may wish to make themselves immediately useful in an engineering office or in the field; the courses in the Junior Engineering Department are offered.

The subjects given in this department are those ordinarily required of all engineering students, and embrace the work done in the first two years of standard four-year courses in engineering; and, besides, as much additional instruction in the elements of engineering as is possible in the time available.

1. *Mechanical Drawing.*—Instruction in the care and use of instruments. Drawing practice and instruction in freehand drawing, lettering, geometrical construction, methods of representation, orthographic projection. Lectures, recitations, and work in drawing room.

Six hours a week in the drawing room, first semester.

2. *Mechanical Drawing.*—Continuation of Course 1. Orthographic projection, intersections and developments, isometric projection, detail drawings of machine parts, tracing and blue printing.

Six hours a week in the drawing room, second semester.

3. *Descriptive Geometry.*—A study of problems relating to the point, line, plane and solid, curved and warped surfaces, intersections and the development of surfaces, and perspective. Special attention is given to the ability to "see" lines, planes, and solids "in space." In the first semester problems relating to the point, line, and plane will be taken up. Must be preceded by Mechanical Drawing.

Six hours a week, first semester.

4. *Descriptive Geometry.*—Continuation of Course 3.

Problems relating to the point, line, plane, and solid, curved and warped surfaces, intersections and developments, shades and shadows, and perspective.

Six hours a week, second semester.

5. *Surveying.*—Recitations, lectures, field and office work in the theory and practice of plane surveying. Exercises in the use of the chain, tape, level and transit. Study of the care and adjustment of instruments and methods of surveying.

Prerequisite: Mechanical Drawing and Trigonometry. One hour lecture and four hours of field work a week, first semester.

6. *Mechanics.*—A general introductory study of theoretical mechanics with emphasis on the fundamental physical principles of the subject. The laws of equilibrium and motion, center of gravity, moment of inertia, work, energy, friction, kinematics and kinetics. Algebraic determination of stresses. Application of principles to the solution of problems.

Three hours a week, second semester.

7. *Electrical Theory.*—A general survey of applied electricity. General theory of electricity, the theory of direct currents, and of alternating currents. Study of electrical instruments and methods of making electrical measurements. Assignment of special laboratory problems. Not given in 1919-20.

Prerequisite: Physics 3 and 4. Three hours a week, first semester.

8. *Electrical Theory.*—This is a continuation of Course 7. Study of generators, motors, alternators and transformers. Electric distribution of power. Assignment of special laboratory problems. Not given in 1919-20.

Three hours a week, second semester.

EDUCATION

1. *History of Education.*—This course is a study of educational principles and practice, systems, and educational theorists among ancient and mediaeval people.

First semester.

2. *History of Modern Education.*—Beginning with the reforms of the seventeenth century, a study is made of the growth of realism. The influence of Rousseau, and the educational evolution of Germany, France, England, and America, under the leadership of Pestalozzi, Herbart, Arnold, Spencer, Mann, and others.

Second semester.

3. *Educational Psychology.*—The application of the processes usually treated in general psychology to the technique and economy of the learning process. Emphasis is placed on the study of instinct, habit, perception, memory, conception, judgment, and reasoning. Experiments in mental measurement, lectures and assigned reading.

First semester. Psychology 1 and 2 prerequisite.

4. *Principles of School Management.*—A study of the organization of education in the United States, with special emphasis on the aim, methods, and current problems of secondary education. Observation work and practice teaching.

Second semester. Psychology 1 and 2 prerequisite.

ENGLISH

The primary aim of the work in English is to secure for the student the maximum of efficiency in his knowledge of English literature and composition. The courses are designed (1) to train the student in correct and effective expression of his thought; (2) to give him a general historical and critical knowledge of English and American literature; (3) to cultivate in him the ability to interpret and enjoy literature.

1. *General Survey of the History of English Literature.*—The purpose of the course is to motivate properly the student's work in literature, and to give him a comprehensive grasp of the ideals and movements that have prevailed in English literature. Parallel reading and class study of selected works.

Two hours a week, first semester of Freshman year.

2. *The Masters of American Prose and Poetry.*—This course will include a general survey of the field of American literature with special emphasis upon the prominent and representative writers. The literature is studied as an expression of national ideals. Parallel reading.

Two hours a week, second semester of Freshman year.

3. *Rhetoric and Composition.*—Careful study of the principles of composition with emphasis upon their practical application in life. Weekly themes.

Two hours a week for both semesters of the Freshman year. Courses 1, 2 and 3 are required of all Freshmen.

4. *Shakespeare and Milton.*—Critical study of a group of Shakespeare's representative plays and sonnets and the major part of the poetry of Milton. Each poet is studied in relation to his times, and the effort is made to impart to the student a full understanding of the spirit of the age. Composition work based upon topics of class study and related themes.

Three hours a week, first semester of Sophomore year.

5. *Poetry of the Victorian Era.*—A study of the prominent Victorian poets as exponents of the philosophy of their period. Class themes.

Three hours a week, second semester of Sophomore year.

6. *Business Writing.*—Study and practice in business correspondence, advertisement-writing and commercial forms.

Three hours a week, first semester. Elective for Sophomores, Juniors and Seniors.

7. *Practical Journalism.*—A study of modern newspaper work, including news-writing, editorial paragraph and short story.

Three hours a week, second semester. Elective for Sophomores, Juniors and Seniors.

8. *English Versification and the Writing of Poetry.*—Study of English prosody. Principles and practice of the writing of verse, based upon studies in contemporary poetry.

Three hours a week, first semester. Elective for Juniors and Seniors.

9. *The Writing of the Play and the Short Story.*—A study of the technique of the drama and the short story, and elementary practice in the composition of these forms.

Three hours a week, second semester. Elective for Juniors and Seniors.

10. *The Great English Essayists.*—The historical development of the essay is studied, specially intensive work is done in the nineteenth century essayists.

Three hours a week for first semester. Elective for Juniors and Seniors.

11. *The Novel and Short Story in English.*—The growth of these forms is carefully traced, and representative specimens are read and analyzed.

Three hours a week, second semester. Elective for Juniors and Seniors.

12. *English Drama.*—A study of the origin of the English drama and its development from medieval times to the beginning of the modern period. Foreign influences are given due prominence, and the growth of the English drama is viewed in its general relation to the development of continental drama.

Three hours a week, first semester. Elective for Juniors and Seniors.

13. *Modern European and American Drama.*—A study of forces and tendencies in modern drama based upon a carefully selected group of dramatists. Parallel reading.

Themes based upon class study and reading.

Three hours a week, second semester. Elective for Juniors and Seniors.

14. *Chaucer and Spenser.*—A linguistic and literary study of the two poets as representatives of their particular periods.

Three hours a week, first semester. Elective for Juniors and Seniors.

15. *The Era of English Romanticism.*—A study of the

causes, the ideals and the influence of English romanticism in the eighteenth and nineteenth centuries. Reading and criticism of the representative works of the period.

Three hours a week, second semester. Elective for Juniors and Seniors.

16. *Anglo-Saxon Literature.*—Grammatical study and reading of specimens of Anglo-Saxon prose and poetry. History of the English language.

Three hours a week, first semester and second semester. Elective for Juniors and Seniors.

FRENCH I.

The courses in this department aim to give to the student, first, a sound reading knowledge of the language; second, a comprehensive view of the literature, history, institutions and manner of life and thought of the French people. Extensive parallel reading, selected as far as possible along the line of the student's interests and tastes and thoroughly tested by written abstracts forms the bulk of the work assigned for preparation; translation and discussion of the masterpieces of French literature, together with lectures on the literature, history and social conditions forms the class-room work of the higher courses.

Courses in French Composition and Conversation, and in Scientific French are also offered.

1 and 2. Grammar; pronunciation; reading of texts of moderate difficulty; constant practice in sight translation. In 1918-19 Buffum's French Short Stories and Driant's La Guerre Souterraine were the texts studied. No credit towards any degree is given for this course until two additional courses in French have been completed.

Three hours a week through both semesters.

3 and 4. An introduction to the French novel and short story. In 1918-19 French war fiction as exemplified by Mary's Sur les Routes Sanglantes was made the sub-

ject of the class-room work. About one thousand pages of the best fiction is assigned for the year's private reading. In 1918-19 the subject of the parallel reading was the short story. Among the authors studied were About, Balzac, Coppe, Daudet, Gautier, Maupassant, Mérimée, Musset, Theuriet and Zola.

Three hours a week through both semesters.

22. This course, which is offered in the second semester only, differs from Course 4 in that the class periods are devoted to the reading of scientific French texts. The course is open only to those who have passed Course 3.

Three hours a week during the second semester.

5 and 6. (To alternate with Courses 7 and 8.)

France before the Revolution of 1789.

Of the class-work one hour will be devoted to the literary masterpieces of the seventeenth and eighteenth centuries; one hour to lectures on the history of French literature with illustrative readings by the instructor from the work of the more important authors; one hour to lectures on the history, political, industrial and social of the French people and on the feudal and absolutist systems of government. About twenty-five hundred pages of private reading, with monthly abstracts, is required.

Three hours a week through both semesters.

7 and 8. (To alternate with Course 5 and 6; not offered in 1919-20.)

France since the Revolution.

Class-room work and parallel readings arranged as in Courses 5 and 6.

Three hours a week through both semesters.

33 and 34. *Composition and Conversation.*—The work of this course will include a detailed study of French grammar. There will be constant practice in writing and speaking French, special attention being given to the commercial side of the language. Great importance is attached to the acquisition of an extensive vocabulary.

An oral as well as a written examination will be required. This course, which is open only to students who have passed Courses 3 and 4 or their equivalent, will not be given for less than three students.

Three hours a week through both semesters.

43 and 44. *Advanced Composition and Conversation.* —Advanced syntax, business writing and free composition on subjects drawn from the current newspapers and periodicals. As far as practicable the course will be conducted in French. Both oral and written examinations will be required. This course will be open only to those who have had Courses 33 and 34 or an equivalent; will not be given if fewer than three students apply.

Three hours a week through both semesters.

GEOLOGY

The work in this course covers a period of one year, and is an introduction to the elements of General Geology. Sufficient zoology should be had by the student to enable him to understand Paleontology. Good use is made of the large collection of minerals and fossils in the cabinets of the institution. Every effort is made to render the subject practical by field work done as required. Lectures and recitations.

Three hours a week throughout the year. Not open to Freshmen or Sophomores.

GERMAN

The work in German is intended to serve the purpose of two classes of students: first those who wish to acquire a working knowledge of the language for use in business or in scientific and scholarly investigations, and second, those who wish to obtain an acquaintance with German literature and German thought, so as to be in a position to interpret properly the modern world movements and tendencies in which Germany has played a part. Conversational work is emphasized in all courses.

1. Course for beginners. Pronunciation, forms,

prose composition, and reading of easy prose. Bacon's New German Grammar is used as a text.

Three hours a week, first semester.

2. Course for beginners (continued). A continuation of Course 1. Completion of Bacon's Grammar, Storm's Immensee, sight reading and conversational work.

Three hours a week the second semester. Prerequisite, German 1 or its equivalent.

3. Reading of advanced prose texts with practice in advanced sight translation. Bacon's Im Vaterland, Freytag's Die Journalisten, Schiller's Wilhelm Tell. Much conversational work and sight translation.

Three hours a week the first semester. Prerequisite, German 2 or equivalent.

4. So far as practicable, this course is conducted entirely in German. Reading of Sudermann's Frau Sorge, and Der Katzensteg; Fahrst's Allerlei, and Bernhardt's Novellen-Bibliothek. Advanced prose composition.

Three hours a week the second semester. Prerequisite, German 3 or its equivalent.

5. The history of German literature; class study of the German drama, with extensive private reading. This course is conducted entirely in German. To alternate with German 7. Not given in 1920-1921.

Three hours a week the first semester. Prerequisite German 3 or 4, or equivalent.

6. Goethe. An intensive study of Goethe's Faust, and a rapid reading of some of his other works. Lectures, reports and papers. This course is conducted entirely in German. To alternate with German 8. Not given in 1920-1921.

Three hours a week the second semester. Prerequisite, German 4 or 5, or equivalent.

7. Lectures and informal discussions of the history, government, and institutions of Germany since 1870, including the causes leading up to the Great War. Extensive private reading and reports. The course is con-

ducted entirely in German. To alternate with German 5. Not given in 1919-1920.

Three hours a week the first semester. Prerequisite, German 4 or 5, or equivalent.

8. The Great War. A study of the most important literature dealing with the Great War. Much collateral reading is required. Lectures and discussions. The course is conducted entirely in German. To alternate with German 6. Not given in 1919-1920.

Three hours a week the second semester. Prerequisite, German 4 or 5, or equivalent.

GOVERNMENT

Government 1. The Government of the United States, national, state and municipal. This course deals with the historical basis of our federal institutions, and their evolution up to the present date; the general features of our state government with particular reference to the Southern states; the growth of American cities, the organization of municipal government and the recent development of municipal reform. This course is open only to those who have had a college course in American history.

Three hours a week the first semester.

Government 2. European Governments. This course will describe the systems of government, national and local, of the leading European states, and will deal fully with the theories of the state on which these systems are based. Comparisons and contrasts will be continually drawn with the American systems and theories of government. This course is open only to those who have had a college course in European history.

Three hours a week the second semester.

GREEK

The courses in the classics are conducted with a view to the early acquisition of a ready reading knowledge of the language and a sympathetic appreciation of the literature, the life, customs, and institutions of the an-

cient Greeks and Romans. Their chief purpose is to give the student an acquaintance with those features of Greek and Roman civilization which are indispensable for an intelligent comprehension of the basic principles of our own. Much time is devoted to sight reading, which is taken up at a very early stage of the course. The masterpieces of the literature are studied primarily as works of art rather than as material for grammatical drill.

1. Course for beginners. Forms, inflections and essential constructions of the language; practice in sight translation and a limited amount of prose composition. The first half of Book I of the Iliad is read.

Three hours a week the first semester.

2. Course for beginners (continued). A continuation of Course 1. Book I of the Iliad is completed and extracts from the Odyssey are read, with informal discussions of the Greek epic and its relations to later European literature. Review of forms, further drill in syntax, and additional practice in sight translation.

Three hours a week the second semester.

3. Homer and the Greek Epic. Representative selections from the whole of the Homeric poems are studied carefully for form and content. Informal lectures on Homeric life in the light of modern investigations. Reports and papers by the members of the class. A brief survey of the later Greek epic.

Three hours a week the first semester. Prerequisites, Greek 1 and 2, or their equivalent.

4. The Lyric Poets and Euripides. Selections from the Lyric poets and the whole of the Hecuba of Euripides are read, with particular attention to their literary form. Informal lectures on the Greek Lyric and Drama; sight reading, and reports by the students.

Three hours a week the second semester. Prerequisite, Greek 1 and 2, or their equivalent.

5. Herodotus. The histories of Herodotus, with lectures on the writing of ancient and modern history, and with some training in the methods of modern historical

criticism. A considerable amount of collateral reading is required; reports by the members of the class. Alternating with Greek 7. Not given in 1920-21.

Three hours a week the first semester. Prerequisites, Greek 1, 2 and 3, or their equivalents.

6. Plato. The Apology and Phaedo, with selections from other dialogues are read and studied as a basis for an introduction to the history and development of Greek philosophy and its influence on the course of later European thought. Alternating with Greek 8. Not given in 1920-21.

Three hours a week the second semester. Prerequisite, Greek 3 or 4, or equivalent.

7. The Greek Drama. A careful study of representative plays of Aeschylus and Sophocles, with informal lectures on the rise and development of the Greek drama, dramatic structure, Greek theaters, and the presentation of Greek plays. Alternating with Greek 5. Not given in 1919-20.

Three hours a week the first semester. Prerequisite, Greek 3 or 4, or equivalent.

8. The Greek Drama (continued). The Alcestis of Euripides, and representative plays of Aristophanes and Menander are read and studied, with particular reference to Greek public and private life. The influence of the old Greek comedy in Athenian politics; a comparison of the later Greek comedy with modern comedy. Alternating with Greek 6. Not given in 1919-20.

Three hours a week the second semester. Prerequisite, Greek 3 or 4, or equivalent.

9. The New Testament in Greek. The first three Gospels will be read, and lectures and informal discussions given, to serve as a basis for an introduction to some of the problems involved and their treatment in the light of modern scholarship.

Three hours a week the first semester. Prerequisite, Greek 1 and 2, or equivalent.

10. The New Testament in Greek. The fourth Gospel is studied carefully in its relation to the other three Gos-

pels and to the rest of the New Testament. The Pauline Epistles are read, with discussions of the influence of Paul upon early Christian doctrine.

Three hours a week the second semester. Prerequisite, Greek 1 and 2, or equivalent.

HISTORY

1 and 2. *General European History.*—The aim of this course is to acquaint the student with the progress of Western Europe in civilization and political organization through the period of the Middle Ages, the Renaissance, the Reformation, closing the study with the fall of Napoleon and the Congress of Vienna. The earlier periods will be briefly considered, while a more intensive study will be made of the period of the French Revolution. Alternating with History 3 and 4.

The method of instruction comprises the use of text-books, collateral reading, the preparation of frequent essays, and written tests.

Three hours a week throughout the year.

3 and 4. *Modern European History.*—This course is a general survey of the field of European history from the Congress of Vienna to the present time. In the first semester especial attention is given to constructive movements in the development of Italy, Germany, France, and Austria-Hungary. The work of the second semester will be directed towards the study of constitutional progress, colonial expansion, and international relations as affecting England and the continental European states. Alternating with History 1 and 2.

The method of instruction followed in History 1 will be continued in this course.

Three hours a week throughout the year.

5 and 6. *The History of the United States.*—The work of the first semester deals with the discovery and settlement of America, colonial life, the growth of Americanism, the period of the Revolution, and the formation of a federal government.

The second semester will be given to the study of the political and constitutional development under the new

constitution, the rise of sectional antagonism, the Civil War, the Reconstruction, the appearance of currency and tariff contests, the westward expansion, and the present international situation.

Text-books will be used in the course merely as a guide, while the emphasis will be placed upon extensive collateral reading, lectures, the preparation of papers and frequent written tests.

Not open to Freshmen.
Three hours a week throughout the year.

7 and 8. *Economic and Financial History of the United States.*—The main topics covered in this course are population, immigration, agriculture, mining, manufactures, labor conditions, domestic and foreign trade, railroad expansion, tariff, money, banking, public revenues and expenditures.

This course is open only to students electing History or Economics as a major study. Prerequisites: History 3 and Economics 2.

LATIN.

1. *An Introduction to Latin Poetry.*—Reading of the Aeneid and a study of the most important topics connected therewith. Special work and reports by the students. Much practice in the metrical reading of the poems, with a study of the structure of the Latin hexameter.

Open only to Freshmen offering three units of Latin. Three hours a week the first semester.

2. *Vergil's Georgics and Bucolics.*—Selections from the Bucolics and Georgics are read and studied with reference to their models and to their influence on later literature.

Three hours a week the second semester.

3. *Ovid.*—Selections from the Metamorphoses are studied as literature and as material for an introduction to classical mythology. The life and times of Ovid as seen in his other works.

Three hours a week the first semester. Prerequisite, Latin 1 or 2.

4. *Horace and Pliny.*—The Odes and Epodes of Horace are read, with special attention to lyric metres and to Horace's philosophy of life. Pliny's letters are made the basis for a study of Roman life and institutions under the Empire.

Three hours a week the second semester. Prerequisite, Latin 1 or 2.

5. *Livy.*—Selections from Livy's works, with lectures on the writing of ancient and modern history, and with some training in the methods of modern historical criticism. A considerable amount of collateral reading is required; reports by the members of the class. Alternating with Course 7.

Three hours a week the first semester. Prerequisite, Latin 3 or 4, or equivalent. Not given in 1920-1921.

6. *Plautus and Terence.*—A course in the Roman Drama. Intended especially for those who wish to teach and who desire to obtain a better acquaintance with the structure and growth of the Latin language. Alternates with Course 8.

Three hours a week the second semester. Prerequisite, Latin 3 or 4, or equivalent. Not given in 1919-1920.

7. *Tacitus.*—Selections from the Germania, the Agricola, and the Annals of Tacitus, with a special study of his method of writing history. Reports by the class on Roman life and institutions of his time. Alternates with Course 5.

Three hours a week the first semester. Prerequisite, Latin 3 or 4, or equivalent. Not given in 1919-1920.

8. *Juvenal and Martial.*—Selections from the Satires of Juvenal and from the Epigrams of Martial, with a special study of the customs and the social conditions of their times. Alternates with Course 6.

Three hours a week the second semester. Prerequisite, Latin 3 or 4, or equivalent. Not given in 1919-1920.

MATHEMATICS

All students who do not avail themselves of the option

between Ancient Languages and Mathematics are required to take Courses 3 and 4.

1. *Higher Algebra.*—For those who do not offer sufficient units in algebra and for those who wish to review the subject. No college credit toward a degree.

First semester.

2. *Solid Geometry.*—For those who do not offer entrance units in this subject. No college credit toward a degree.

Second semester.

3. *College Algebra.*—Open to students presenting units in higher algebra; logarithims, partial fractions, indeterminates, permutations and combinations, variables and limits, series, theory of equations and determinants.

First semester.

4. *Trigonometry.*—Plane and Spherical.

Second semester.

5 and 6. *Analytical Geometry* of two and three dimensions.

First and second semesters.

7. *Differential Calculus.*

First semester.

8. *Integral Calculus.*

Second semester.

9. *Theory of Equation.*

First semester.

10. *Differential Equations.*

Second semester.

11. *The History and Teaching of Mathematics.*—The development and methods of teaching Mathematics, especially arithmetic, algebra and geometry, with a view to meeting the needs of teachers in secondary schools.

RESERVE OFFICERS' TRAINING CORPS

Southwestern has been designated by the United States War Department as an infantry unit of the Re-

serve Officers' Training Corps, and Lieutenant John C. Bulger has been detailed as commanding officer and Professor of Military Science and Tactics.

The establishment of an R. O. T. C. unit at Southwestern provides an excellent opportunity for the students to secure that amount of military training which is now universally conceeded to be desirable. At the same time they gain valuable physical training as a result of the drill and mass athletics, while the importance of the lessons in obedience, orderliness, cleanliness and promptness cannot be overestimated.

The work done by a student in the R. O. T. C. is counted toward a degree and is required of all male Freshmen and Sophomores unless, because of exceptional conditions, a student is excused by the Faculty. Two semester hours of credit is given for satisfactory work in each year to Freshmen and Sophomores, while four semester hours is granted to Juniors and Seniors, making a total of twelve semester hours of credit toward a baccalaureate degree.

The Government furnishes all uniforms and equipment to members of the R. O. T. C. without cost, and, in addition, the Government allows commutation of subsistence to members doing work of the third and fourth years which amounts approximately to $145.00. Members of the R. O. T. C. have the further privilege of attending summer training camps for six weeks each summer, the Government meeting the necessary expenses and paying the student at the rate of $30.00 a month.

All members of the R. O. T. C. who have successfully completed the four years of work are eligible for commissions as Reserve Officers in the United States Army. The acceptance of the commission in the Reserve Corps is optional with the student. It is further arranged that those graduates who so desire may make application and be assigned, for a period of six months, to the Regular Army. They will be rated as second lieutenants at a salary of $100.00 per month.

The work of the first two years is preliminary in

character and includes one hour of drill, one hour of mass athletics, and one hour of theoretical and army paper work. During the Junior and Senior years the work covers five hours a week and involves an advanced course in theory and practice.

OUTLINE OF THE COURSES IN MILITARY SCIENCE AND TACTICS

1. *Military Art.*—Three hours a week during the first semester.

(a) Practical. Weight 10. Physical drill (Manual of Physical Training, Koehler); infantry drill (U. S. Infantry Drill Regulations), to include school of the soldier, squad and company, close and extended order. Preliminary instruction, sighting position and aiming drills, gallery practice, nomenclature and care of the rifle and equipment.

(b) Theoretical. Weight 4. Theory of target practice, individual and collective (use of landscape targets); military organization (Tables of Organization); map reading; service of security; personal hygiene.

2. *Military Art.*—Three hours a week during the second semester.

(a) Practical. Weight 10. Physical drill (Manual of Physical Training, Koehler); infantry drill (U. S. Infantry Drill Regulations), to include school of battalion, special attention devoted to fire direction and control; ceremonies; manuals (Part V, Infantry Drill Regulations); bayonet combat; intrenchments (584-595, Infantry Drill Regulations); first aid instruction; range and gallery practice.

(b) Theoretical. Weight 4. Lectures, general military policy as shown by military history of the United States and military obligations of citizenship; service of information; combat (to be illustrated by small tactical exercises); U. S. Infantry Drill Regulations, to include school of company; camp sanitation for small commands.

3. *Military Art.*—Three hours a week during the first semester.

(a) Practical. Weight 10. The same as Course 2a; combat firing, if practicable, but collective firing should be attempted in indoor ranges by devices now in vogue at U. S. Disciplinary Barracks.

(b) Theoretical. Weight 4. United States Infantry Drill Regulations, to include school of the battalion and combat (350-622); small arms firing regulations; lectures as in (b) Course 2; map reading; camp sanitation and camping expedients.

4. *Military Art.*—Three hours a week during the second semester.

(a) Practical. Weight 10. The same as Course 2 (a); signaling; semaphore and flag; first aid. Work with sand tables by constructing to scale intrenchments, field works, obstacles, bridges, etc. Comparison of ground forms (constructed to scale), with terrain as represented on map.

(b) Theoretical. Weight 4. Lectures, military history (recent), service of information and security (illustrated by small tactical problems in patrolling, flank guards, rear guards, trench and mine warfare, orders, messages, and camping expedients); marches, camps (Field Service Regulations and Infantry Drill Regulations).

5. *Military Art.*—Five hours a week during the first semester.

(a) Practical. Weight 13. Duties consistent with rank as cadet officers or noncommissioned officers in connection with the practical work and exercises laid down for the unit. Military sketching.

(b) Theoretical. Weight 11. Minor tactics; field orders (studies in minor tactics, United States School of the Line); map maneuvers; weight 8. Company administration; general principles (papers and returns), weight 1. Military history, weight 2.

6. *Military Art.*—Five hours a week during the second semester.

(a) Practical. Weight 13. Same as (a) Course 5. Military sketching.

(b) Theoretical. Weight 11. Minor tactics (continued); map maneuvers; weight 8. Elements of international law; weight 2. Property accountability; method of obtaining supplies and equipment (Army Regulations), weight 1.

7. *Military Art.*—Five hours a week during the first semester.

(a) Practical. Weight 13. Duties consistent with the rank of cadet officers and noncommissioned officers in connection with the work scheduled for the unit. Military sketching.

(b) Theoretical. Weight 11. Tactical problems, small forces, all arms combined, map maneuvers; court-martial proceedings (Manual for Courts-martial). International relations of America from discovery to the present day; gradual growth of principles of international law embodied in American diplomacy, legislation, treaties. Lectures: Psychology of war and kindred subjects. General principles of strategy only, planned to show the intimate relationship between the soldier and the statesman (not to exceed five lectures).

8. *Military Art.*—Five hours a week during the second semester.

(a) Practical. Weight 13. Same as in Course 7 (a).

(b) Theoretical. Weight 11. Tactical problems (continued); map maneuvers; rifle in war. Lectures on military history and policy.

PHILOSOPHY AND PSYCHOLOGY

1 and 2. *General Psychology.*—A general study of human consciousness and behavior, with reference both to scientific theory and practical application. A careful study will be made of the structure and biological func-

tion of the nervous system. This course includes laboratory demonstration and experimentation, with assigned reading and reports.

First and second semesters.

3. *Social Psychology.*—This course is announced and described as Course 12 in the Department of Economics and Sociology.

First semester. Courses 1 and 2 or Sociology 7 prerequisite.

4. *Logic.*—A course presenting the principles and methods of deduction, induction, and circumstantial evidence. It is especially recommended for those intending to pursue the study of law.

First semester.

5. *Ethics.*—This course undertakes an examination into the psychological sources of human conduct, a study of the historic ethical theories, and the development of a suitable ethical system. Wherever possible, an application of theoretical principles of conduct to practical problems of life will be made.

Second semester. Courses 1 and 2 prerequisite.

6. *History of Philosophy.*—The development of philosophy in its relation to general culture, scientific theory, education, politics, and religion, as well as in its more metaphysical aspects. The first semester's work will be devoted to Greek and Mediaeval philosophy.

First semester. Open to Juniors and Seniors.

7. *History of Philosophy.*—This course is a continuation of Course 6, though not necessarily preceded by it. Modern tendencies in philosophy will be studied with special attention given to contemporary materialism, idealism, realism.

Second semester. Open to Juniors and Seniors.

8. *The Philosophy of Religion.*—After an examination of some of the theories as to the origin and development of religion, in the light of anthropology and psy-

chology, the philosophical interpretation of religious consciousness will be undertaken.

First semester. Open to Juniors and Seniors.

PHYSICS

1. *General Physics.*—Mechanics and heat. Covering the fundamental phenomena. The subjects considered are general mechanics, molecular mechanics, and heat, which are discussed both mathematically and experimentally. A knowledge of plane trigonometry is desirable for students taking this course.

Three hours a week throughout the first semester and two hours of laboratory.

2. *Magnetism, Electricity, Sound and Light.*—This is a continuation of Course 1 and must be preceded by Course 1. It takes up the fundamental phenomena of these subjects. Lectures, recitations and laboratory work.

Prerequisite, Course 1. Three hours a week throughout the second semester and two hours of laboratory.

3. *Mechanics, Molecular Physics and Heat.*—Advanced work in these subjects, in which the treatment is more mathematical and more analytical. This course with Course 4 following lays the foundation for all later and more specialized courses in physics.

Prerequisite, Courses 1 and 2. Three hours a week throughout the first semester and two hours of laboratory.

4. *Electricity, Sound and Light.*—Advanced work in these subjects, in which the manner of treatment is the same as in Course 3. It is a continuation of Course 3.

Prerequisite, Course 3. Three hours a week throughout the second semester and two hours of laboratory.

5. *Heat.*—A more intensive study of heat. The theory and nature of heat, the transmission of heat, sources of heat, precise thermometry. Attention is given to the study of such temperaure and heat measurements as are of technical importance, such as the calorific efficiency

of fuels. Not given in 1919-20 unless a sufficient number apply for it.

Prerequisite, Courses 3 and 4. Three hours a week, first semester.

6. *Heat.*—A continuation of Course 5. Kinetic theory of gases, adiabatic curves, laws of thermodynamics. Attention is given to that part of the theory which forms the basis of the study of engines, boilers, and systems of heating.

Three hours a week, second semester.

7. *Electrical Theory.*—Elements of electrical engineering. This course is a general survey of applied electricity. General theory of electricity, the theory of direct currents, and of alternating currents. Study of electrical instruments and methods of making electrical measurements. Assignment of special laboratory problems. Not given in 1919-20.

Prerequisite, Courses 3 and 4. Three hours a week, first semester.

8. *Electrical Theory.*—This is a continuation of Course 7. A study of generators, motors, alternators, transformers, lamps, and storage batteries. Electric distribution of power. Assignment of special laboratory problems. Not given in 1919-20.

Three hours a week, second semester.

PHYSICAL EDUCATION

Students are required to report soon after their arrival at Southwestern to the Physical Director and to attend the gymnasium classes to which they may be assigned. The work in the gymnasium is adapted to the particular needs of each individual. All Freshmen and Sophomores, and all students entering with advanced standing are required to take the course in physical education.

1 and 2. *Personal Hygiene and Physical Education.*—This course includes lectures on the fundamental laws affecting health, together with such corrective or develop-

mental exercises as are demanded by each individual student.

PUBLIC SPEAKING

The course in Public Speaking is designed to give practical instruction in the methods for making public speech effective, and to fit the student to meet the actual needs of life. It includes training in the preparation and delivery of the various forms of public discourse and thorough study of the principles of argumentation and the methods of debating. In addition to the training of the class-room, further practice is given through college occasions and through public contests in debating and general public speaking.

Public Speaking 1.—Practical study of voice control, articulation, expression, gesture. Study of the preparation and arrangement of material and its effective delivery. Study of the physical, mental and moral preparation of the speaker.

Required of all Freshmen. Prerequisite for Public Speaking 2. Once a week throughout the year.

Public Speaking 2.—Advanced study along the general lines presented in Course 1. Special attention to argumentation and debating.

Required of all Sophomores. Once a week throughout the year.

SPANISH

The courses in Spanish aim to familiarize the student not merely with the literature, history and institutions of Spain, but primarily with those of Spanish America, in recognition of the fact that the latter are not only of greater significance to the North America of the present but also to the world of the future. Conversational work is emphasized in all courses.

1. Course for beginners. Pronunciation, forms, prose composition, and reading of easy prose. Espinosa and Allen's Spanish Grammar.

Three hours a week the first semester.

2. Course for beginners (continued). Reading of easy Spanish texts, further practice in prose composition, conversation, and sight reading.

Three hours a week the second semester. Prerequisite, Spanish 1, or its equivalent.

3. Reading of advanced prose texts with practice in advanced sight translation. Much conversational work and advanced prose composition. Galdós, Doña Perfecta, and Ibáñ, La Barraca.

Three hours a week the first semester. Prerequisite, Spanish 2, or equivalent.

4. So far as practicable this course is conducted entirely in Spanish. Reading of Valera, El Comendador Mendoza; Moratín, El Sí de las Niñas; Alarcón, El Sombrero de tres Picos, and similar texts. The writing of business letters in Spanish and the use of the more ordinary commercial terms.

Three hours a week the second semester. Prerequisite, Spanish 3, or equivalent.

5. Lectures on the history, institutions, and literature of Spain. Reports and papers by the students. Extensive private reading. This course is conducted entirely in Spanish. To alternate with Course 7. Not given in 1920-1921.

Three hours a week the first semester. Prerequisite, Spanish 4, or equivalent.

6. Spanish Literature. Some of the masterpieces of Spanish literature are studied in class. Private reading, discussions and reports. This course is conducted entirely in Spanish. To alternate with Spanish 8. Not given in 1920-1921.

Three hours a week the second semester. Prerequisite, Spanish 4, or equivalent.

7. Lectures on the history, institutions and literature of Spanish America. Extensive private reading, discussions and reports. This course is conducted entirely

in Spanish. To alternate with Spanish 5. Not given in 1919-1920.

Three hours a week the first semester. Prerequisite, Spanish 4, or equivalent.

8. Business Spanish. A study of business conditions and opportunities in South America. Reading of South American newspapers and magazines; the writing of business letters, lectures, discussions, and reports. This course is conducted entirely in Spanish. To alternate with Spanish 6. Not given in 1919-1920.

Three hours a week the second semester. Prerequisite, Spanish 4, or equivalent.

COURSES FOR TEACHERS

For the benefit of teachers and others who wish to prepare themselves for the degree of B.A. or B.S. and are unable to attend classes at the regular hours scheduled the University offers each year courses in several departments. These cover the same ground as the regular courses, and on their completion the student will receive college credit. Classes will meet in the afternoons and on Saturday mornings.

These courses are subject to the following conditions:

1. The admission requirements are the same as for other students.

2. The instructors have the option of withdrawing any course for which less than three apply.

3. The fees are: Matriculation, $5.00, and tuition, $10.00 for each course, terms which apply only to students who do not register for more than two courses.

During the session 1918-1919 the following courses were offered:

1. Chemistry. 2. Psychology and Education. 3. American History. 4. Latin. 5. Mechanical Drawing. 6. English. 7. French. 8. Spanish.

GENERAL INFORMATION

HISTORICAL SKETCH

The first definite plans for the founding of the Southwestern Presbyterian University date from the year 1873. At that time, in answer to an overture from the Synod of Nashville of the Presbyterian Church in the United States, to the Synods of Memphis, Arkansas, Mississippi and Alabama, commissioners were appointed, who held a conference in Memphis, Tennessee, and adopted a "Plan of Union" which was the initiatory step in establishing the University.

The valuable properties of Stewart College, an institution located at Clarksville, Tennessee, and under control of the Synod of Nashville, were offered the Board of Directors which had been provided for under the "Plan of Union," and, accepting this as a nucleus for the new University, the articles of incorporation were duly filed on the twentieth of May, 1875.

Among those who keenly appreciated the educational needs of what was then the Southwest, none was more active than Dr. J. B. Shearer, so that quite fittingly he was selected as acting head of the Southwestern Presbyterian University.

The Synod of Texas, which had become one of the controlling synods, withdrew from the University in 1877, but resumed its relations in 1895, only to make a final withdrawal in 1902, when a theological seminary was established within its own bounds. When the Synod of Arkansas had established a synodical college in 1895, this Synod also withdrew. The University is now under the control of the Synods of Alabama, Louisiana, Mississippi and Tennessee, each body electing three members to the Board of Directors.

The Rev. B. M. Palmer, D.D., of New Orleans, was elected to be the first chancellor, but his congregation were so reluctant to give their consent to the termination of his ministry that he declined the call. The Board of

Directors then elected the Rev. J. N. Waddel, D.D., previously chancellor of the University of Mississippi. Dr. Waddel entered upon the duties of his office in 1879.

In 1885 a Theological Seminary was added to the college of arts and sciences and entered upon a work of great value to the Church. Some of the best loved men of the Church have served as professors in the Seminary, and more than three hundred ministers were trained within its walls. However, owing to the increasing cost of maintenance, the theological department of the University was indefinitely suspended in June, 1917.

SOUTHWESTERN'S RECORD

Southwestern has always been a small college. This and other advantages have contributed to the quality of the Southwestern type. Her alumni have achieved positions of leadership in Church and State, eloquent testimony to the steadfastness with which the highest ideals of scholarship have been maintained as well as to the splendid character of the students. Probably there is no other similar institution of learning in which can be found a higher moral tone or a more elevating spirit of fellowship. *The men who have come to Southwestern have uniformly cast their influence on the side of good conduct, so that a tradition has been built up in favor of earnestness, purity, and sobriety.* It should not be necessary to emphasize the tremendous influence for good which comes from an association of four years with men of the Southwestern type, and this is all the more true, since a young man, when he enters upon college life, is peculiarly susceptible to outside influence. In view of this fact, the Faculty of the University is zealous in protecting the moral welfare of the students, terminating the connection of any student with the institution if at any time his life and conduct are at variance with the spirit of the University and exert a harmful influence upon his fellow students. In sending their sons to Southwestern parents may feel assured that their welfare is safeguarded in every way possible.

THE TOWN OF CLARKSVILLE

The town of Clarksville is situated on high bluffs above the Cumberland and Red Rivers, about sixty miles north of Nashville, two hundred miles east of Memphis, and two hundred miles south of Louisville. With a population of about ten thousand, electric lights, electric cars, telephone and telegraph service, new modern waterworks, free mail delivery, excellent stores, freedom from saloons, and other advantages, the community has much to render it desirable as a location for a college.

Clarksville is a city of beautiful homes and is called a city of churches. The social conditions are most helpful to young men. Its citizens are among the most cultured and refined people of the State. A cordial reception is given the college students, which brings them in contact with the best people of the city. A young man here finds an opportunity for developing his social nature in an environment both stimulating and helpful.

Special mention should be made of the uniformly excellent health record of Clarksville. It is, according to official reports of the State Board, one of the most healthful cities in Tennessee. The air is bracing and furnishes climatic conditions very favorable to student life. Students from lower altitudes find here freedom from malaria and lassitude.

The railway facilities are very good. Two systems, the Louisville & Nashville and the Tennessee Central, cross here, making any part of Tennessee and of the adjoining states easily accessible.

As a result of the relatively small number of students enrolled from year to year, Southwestern has always possessed that most highly prized of all educational assets, the ability to give individual training and oversight to its students. The necessity for taking the student from under the direct instruction of the full professors and giving him into the charge of inexperienced tutors and instructors has not been felt at Southwestern. Rather is there to be found a personal relationship betwen professor and student which leads to highly desirable results in the imparting of culture and the moulding of charac-

ter. The University does not rest upon any department or course of study, but upon a type of student, who has received a thorough and well-balanced training for life. While Southwestern may lose some of that glamour which surrounds some of the larger institutions and the prevalent cult of numbers, yet the benefits to be derived from a prolonged association with earnest, thoughtful men in a morally healthful environment are to be commended to those young men who are seriously seeking the best preparation for a useful, successful life.

Believing that the liberally educated man is one who knows enough about all the different major intellectual disciplines to have developed an intelligent special interest in one or more of them. the course of study described elsewhere will be found to have been arranged to meet this idea. Not only may the student secure that broad cultural training which is the peculiar work of the college, but he may also devote himself to those special subjects which may be necessary for further professional studies or for business. For those students who intend to study for the ministry, law, medicine, or teaching, courses may be elected which are fundamental to these professions.

As a result of the introduction of advanced work in the sciences and of courses in Drawing, Mechanics and Surveying, graduates of Southwestern are able to obtain two years' advanced standing in the best technical colleges. In this way the broad culture of the college may be secured in but little more time and with little more expense than if the student had enrolled directly in a school of engineering, while the extreme value of this liberal collegiate training in his profession will be attested by all successful engineers.

RESERVE OFFICERS' TRAINING CORPS

Southwestern has been designated by the United States War Department as an infantry unit of the Reserve Officers' Training Corps, and Lieutenant John C. Bulger has been detailed as Commanding Officer and Professor of Military Science and Tactics.

The establishment of an R. O. T. C. unit at South-

western provides an excellent opportunity for the students to secure that amount of military training which is now universally conceded to be desirable. At the same time they gain valuable physical training as a result of the drill and mass athletics, while the importance of the lessons in obedience, orderliness, cleanliness and promptness cannot be overestimated.

The work done by a student in the R. O. T. C. is counted toward a degree and is required of all male Freshmen and Sophomores unless because of exceptional conditions a student is excused by the Faculty. Two semester hours of credit is given for satisfactory work in each year to Freshmen and Sophomores, while four semester hours is granted to Juniors and Seniors, making a total of twelve semester hours of credit toward a baccalaureate degree.

The Government furnishes all uniforms and equipment to members of the R. O. T. C. without cost and, in addition, the Government allows commutation of subsistence to members doing work of the third and fourth years, which amounts approximately to $145.00. Members of the R. O. T. C. have the further privilege of attending summer training camps for six weeks each summer, the Government meeting the necessary expenses and paying the student at the rate of $30.00 a month.

All members of the R. O. T. C. who have successfully completed the four years of work are eligible for commissions as Reserve Officers in the United States Army. The acceptance of the commission in the Reserve Corps is optional with the student. It is further arranged that those graduates who so desire may make application and be assigned, for a period of six months, to the Regular Army. They will be rated as second lieutenants at a salary of $100.00 per month.

The work of the first two years is preliminary in character and includes one hour of drill, one hour of mass athletics and one hour of theoretical and army paper work. During the Junior and Senior years the work covers five hours a week and involves an advanced course in theory and practice.

EQUIPMENT

GROUNDS

The campus of the University is a beautiful tract of twenty-four acres, almost all of which is covered with blue grass and in front is shaded by giant oak trees. It is located in a quiet, residential section of the city, though only a short distance from the business section and the stations of the Louisville & Nashville and the Tennessee Central Railroads. A system of concrete walks connect the dormitories and the buildings used for instruction and administration.

THE CASTLE

The oldest and probably the most striking building on the campus is the "Castle." It is constructed of brick, trimmed with stone, in Tudor-Gothic style. The central section of the building is four stories high and contains five large lecture rooms, besides providing attractive quarters for the four Greek letter fraternities which have chapters at Southwestern. On the ground floor are provided two large and conveniently arranged halls for the use of the literary societies.

LABORATORIES

Three laboratories have been through a period of years developed under the direction of highlytrained scientists at a cost of many thousands of dollars. These laboratories, through appropriations and fees, are being constantly enlarged and are kept abreast of scientific progress. In addition to the laboratories set apart for experimental work by the students, there is to be found unusually ample equipment for work in astronomy and geology.

ASTRONOMY

This department is equipped with a six-inch telescope, two sextants, one chronometer, a transit with the usual accessories for meridian observation, together with a complete supply of maps, charts, globes, lantern slides, and all equipment needed for the study of astronomy.

BIOLOGY

This laboratory contains a complete outfit of tables, microscopes, dissecting instruments, specimens, and models for use in courses in general Biology. It is also equipped with incubators, sterilizers, and other apparatus necessary for bacteriological and histological study. From year to year, as the demand increases, additional equipment is provided. The department is fortunate in possessing a collection of about sixteen thousand specimens of shells, corals, and sponges, the gift, in the main, of Professor W. M. Stewart. In addition, there is a splendid herbarium containing over four thousand mounted botanical specimens.

CHEMISTRY

The department of Chemistry is housed in the two-story west wing of the "Castle" building, covering a ground space of fifty by seventy feet. The building is splendidly lighted and ventilated and affords ample space for the work of the department. In addition to the large laboratory for general chemistry, which occupies the whole of the second floor, there are a large lecture room, stock room, dark room for photographic work, and a smaller laboratory for advanced and graduate work. All of the apparatus necessary for courses in chemistry conducted along the most advanced lines is to be found. The department is especially well equipped for work in organic chemistry and qualitative and quantitative analysis.

GEOLOGY

The University is fortunate in having had among its professors men of marked ability in natural science, who have given the institution the fruits of their researches. As a result, in addition to the magnificent Stewart conchological collection, there have been gathered by the several professors who have served in this department a geological collection of over six thousand minerals and ores, together with a valuable collection of fossils, mainly representative of the Paleozoic era. All of these are pre-

served in large glass cabinets and provide ample material for geological study.

PHYSICS

The department of Physics occupies the entire east wing of the "Castle." The first floor provides space for a large lecture and demonstration room, laboratory for advanced students and a private laboratory for the professor. The entire second floor is given over to laboratory space for the use of students in the less advanced courses.

The laboratory is well equipped with apparatus for elementary experimental work, together with all needed equipment for advanced work in mechanics, electricity and light.

STEWART BUILDING

The Stewart building, named in honor of Professor W. M. Stewart, the first president of Stewart College, out of which the University grew, contains the offices of administration, the office of the Registrar and the private office of the President of the University. On the first floor there are, in addition, two lecture rooms and the rest room for the use of the young women.

THE LIBRARY

The entire second floor of the Stewart building is occupied by the University Library. Containing more than fifteen thousand volumes and more than seven thousand pamphlets and magazines unbound, it provides excellent material for the supplementary work and reading which forms an integral and necessary part of the various courses in every department of instruction.

These volumes are arranged in a series of fourteen alcoves on the floor of the reading room and in about the same number in the gallery which surrounds the interior. All students have free and complete access to the shelves. The library is catalogued according to the Dewey system, and by use of the card index, arranged by titles and authors, it is possible to locate immediately any book in the library.

The Library is under the immediate supervision of the

Librarian and his Assistant, and is kept open every week day from 9:00 A.M. to 5:30 P.M.

The reading room is well supplied with a large number of periodicals, some of popular character and some technical, together with daily and weekly papers.

The University desires particularly to possess as complete a collection as possible of the publications of Southwestern graduates, and alumni who publish books or pamphlets are requested to assist the Library in this undertaking by presenting the Library with copies of their works.

During the past year important and valuable additions have been made to the Library in the fields of Bible, Education, Philosophy, French and German literature, Economics, Government, and American and Church History.

Particular attention is called to the excellent collection of the most recent works dealing with the great war and the warring nations, and also to the collection of Modern Plays, American, English and Continental, some 350 in number, which has been built up during the past year. This collection serves as material available not only for the study of the modern drama but also for the use of our flourishing dramatic society, "The Pals." In this field, as in that of war literature, the Library of Southwestern University possesses undoubtedly the finest collection of any educational institution within its territory.

THE WADDEL GYMNASIUM

The gymnasium, in the Waddel building, named in honor of the first president of the University, is well equipped with apparatus for general exercises, and all Freshmen and Sophomores are required to take regular work in physical training.

The main floor contains a large exercising room and courts for basketball and hand ball. An indoor running track encircles the floor. Adjoining the main floor are the locker rooms, director's examination room, and shower baths.

Upon entrance, all students are given a thorough

physical examination by the director and the proper corrective or development exercises are prescribed and carried out under his supervision. This work is under the direction of Mr. R. P. Richardson, who has charge of all athletics. General supervision of athletics is exercised by the Athletic Council, composed of members of the faculty and students, Professor Scott C. Lyon, chairman.

ASSEMBLY HALL

Directly over the gymnasium in the Waddel building is the Assembly Hall, having a seating capacity of about one thousand. This hall is used for the Commencement exercises and for other public functions from time to time.

THE Y. M. C. A. ROOMS

The Young Men's Christian Association is attractively and comfortably housed in a suite of rooms in the University Commons. They provide ample space for reading and writing rooms and serve as a gathering place for students at all times. The rooms have two splendid pool tables with all necessary equipment and in addition there is an unusually fine Victrola with a good selection of records. A large supply of current periodicals is maintained.

The work of the Y. M. C. A. is under the direction of Mr. Robert Price Richardson, a grandson of the sainted Dr. Price who for so many years labored in this University and whose influence was felt over the entire South.

The Y. M. C. A. plays an important role in the religious life of the University. Each Sunday afternoon there is a service in the Chapel, conducted by members of the student body or by outside speakers. In addition, there are a number of Bible study and Mission study classes which hold weekly meetings under suitable leadership. Not only does the Y. M. C. A. exert an influence within the University, but its members also take active part in the religious life of the community, serving as teachers in the various Sabbath schools in Clarksville and helping to maintain mission schools in the outlying districts. The members of this organization have also done constructive

work during the past year in conducting a night school for adults who were unable to secure an elementary education and also for young boys who are forced to work and are unable to enter the city schools.

A regular feature of the Y. M. C. A. work is a week of prayer and consecration which is usually set apart during the spring months. At this time a distinctly evangelical message is presented to the students of the University and the meetings have been productive of great good.

THE COLLEGE COMMONS

The beautiful new Commons, the gift of the people of Clarksville to the University, was completed and ready for occupancy with the opening of the session in 1918. This building contains a large dining hall, with a seating capacity of two hundred and fifty, a sanitary kitchen, with terrazzo floor and the modern kitchen equipment. In addition, there are on this floor the office of the student manager of the dining hall, and reading rooms. In the basement are cold storage rooms, and ample space for instruction in manual training and domestic science, which will, in all probability, be instituted, at an early date.

The "Commons" is built of red brick, trimmed with stone, of a semi-castellated type, and is located almost midway between the Gymnasium and Calvin Hall.

CALVIN HALL

Calvin Hall is a brick building, two stories in height, and provides rooming accommodations for about forty students. The rooms are large, light, and well ventilated. Two students share each room. The building is well supplied with toilet and bath facilities. The rooms are furnished with single beds, table, chairs, dresser, wardrobe, book shelves, mattresses and pillows. Students are expected to furnish their own blankets and bed linen.

ROBB HALL

Robb Hall is also of brick and is two stories high, providing accommodations of the same quality. The rooms are all neatly papered and of attractive appearance.

An experienced and well-qualified matron resides in this building, exercising general oversight of the halls. The infirmary is also located in this building. Students, while sick, may be cared for here and may feel assured of the most thoughtful and sympathetic attention.

The equipment and furnishings of the rooms are the same as in Calvin Hall.

SHEARER ATHLETIC FIELD

Back of the Gymnasium and the "College Commons" lies the Shearer Athletic Field. This provides space for a football field, baseball diamond, and a grandstand. Adjoining the football field are a number of well-located tennis courts, which are kept in good playing condition by the members of the Tennis Association.

STUDENT ACTIVITIES

SELF-GOVERNMENT

In order that in every sphere of college life good order and conduct becoming gentlemen may be secured, the students voluntarily accept and maintain an honor system, and its standards are enforced by tradition and public opinion among the students. It is tacitly understood that all students, when they matriculate, assume the obligations and responsibilities of this honor system. The Honor Council, which is the executive head of the system, is chosen annually by the students from groups, which, taken together, represent the entire body.

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lying districts. The members of this organization have also done constructive work during the past year in conducting a night school for adults who were unable to secure an elementary education, and also for young boys who are forced to work and are unable to enter the city schools.

A regular feature of the Y. M. C. A. work is a week of prayer and consecration which is usually set apart during the spring months. At this time a distinctly evangelical message is presented to the students of the University and the meetings have been productive of great good.

The Association endeavors to relate itself closely to the life and interests of the students, and especially at the opening of each college year it is of service in helping new students get satisfactorily located. Through the annual reception, which is given in honor of the new students, to which all students, the faculty, and friends are invited, and by the annual publication of a handbook, containing information about the college which is of great value both to old and new students the association renders still further help to the students of the University.

ALPHA PHI EPSILON

The Stewart Chapter, one of the charter Chapters of the National Intercollegiate Literary Society, Alpha Phi Epsilon, represents a fusion of the Washington Irving and Stewart Literary Societies. This organization is a most valuable adjunct of college life, furnishing a training and culture that cannot otherwise be so well attained. Every student is urged by the authorities of the college to associate himself with this society and to take an active part in its work. Weekly programs are held in the Society hall and afford excellent opportunities for training in debate, declamation and parliamentary usage.

"THE PALS"

"The Pals" is a dramatic organization which studies and presents a number of sketches and plays each year.

For its use the Club has constructed in the Castle Building a completely equipped theatre, modeled after the Portmanteau Theatre, which has been made famous by Stuart Walker, and is of almost the same proportions.

The members of the Club have complete charge of this Little Theatre and all work done in it is by them. They construct and paint all scenery, design costumes and stage setting and expect within a short period of time to produce almost exclusively plays written by the membership. The equipment, as to scenic and lighting effects, is unusually good and any dramatic production which does not emphasize mere bigness can be easily presented.

Among the plays which have been presented recently in the Little Theatre are: "Two Crooks and a Lady," "Civilization," "A Fan and Two Candlesticks," "Nevertheless," "The Noble Lord," "The Man on the Kerb," and "Playing With Fire."

This Club is one of the most wide-awake and enterprising organizations in the University, and provides an excellent opportunity for training which is of great value. Any student may, upon application, become an associate member, but full membership can be held only after the associate member has written and produced a play or has won individual applause in three public productions.

THE JOURNAL

The members of the student body unite in publishing a monthly magazine, The Journal, which ranks well among collegiate publications and reflects credit upon its managers. In addition to stimulating the literary activities through the publication of essays, short stories, poems, and the like, it also records various matters of interest among the students.

FRATERNITIES

Four Greek letter fraternities are represented by chapters at Southwestern. These fraternities have halls in the "Castle" building which they have furnished and deco-

rated most attractively and their activities do much to add interest and zest to the social life of the college. No new student may be initiated until such time as he shall have made an average grade of seventy per cent or over.

ATHLETICS

The athletic affairs of the University are directed by an Athletic Council, composed of representatives from the students and from the faculty. Each student pays to the University a gymnasium and athletic fee of ten dollars, which entitles him to the use of the gymnasium and instruction by the director of the gymnasium. Every student, upon entrance, is given a thorough physical examination and, if he is physically fitted for it, he may offer for any athletic team or participate in any form of exercise under the supervision and guidance of the athletic director.

The following regulations govern athletic teams representing Southwestern:

1. No student may represent the college unless, during the preceding month, he shall have made an average grade of seventy per cent.

2. No individual may play on any athletic team representing Southwestern in intercollegiate contests except bona fide students of the University.

3. No student shall play on the baseball team in any year unless he has begun his college work not later than the beginning of the second semester.

4. No member of any athletic team shall receive any compensation whatever—money, board, or tuition—for his participation in athletics.

5. No football team shall play more than one game on any trip unless, by reason of unusual conditions, special approval is given by the faculty committee on athletics.

6. No baseball team shall be absent on any one trip for a longer period than one week, and the total number of absences must not exceed ten days.

ORCHESTRA AND GLEE CLUB

From year to year the students who possess some ability in the use of a musical instrument or in singing have organized and given public performances in Clarksville and in other cities. The University Band has been for a number of years particularly active and has furnished music at the public exercises of the University. Membership in these organizations is open to all who may be capable of developing into efficient members.

COLLEGE LECTURES AND PUBLICATIONS

CONVOCATIONS

At stated intervals during the year public lectures will be given by members of the faculty or by visitors at the invitation of the faculty. As a general rule, these convocations deal with matters of importance in the life of the students, and are under the supervision of the Faculty Committee on Public Exercises.

LECTURES TO FRESHMEN

During the early part of the year a series of lectures will be given by members of the faculty which are of especial interest to those young men who are entering upon life at college. The purpose is to enable the student to adapt himself more readily to the new conditions and changed environment and to safeguard him from the temptations which are characteristic of life at college. Thus such matters as the honor system, habits of study, campus life, personal hygiene, and the like, will be considered.

THE UNIVERSITY BULLETIN

The University issues quarterly a Bulletin, containing information relative to the institution, such as statements of the courses of study, items of social or athletic interest, the work of alumni, and the general condition of the University and its work. Copies of this Bulletin will be sent without cost to those who desire to receive it.

ADMINISTRATION

Wherever a group of men is associated for a common purpose, organization and discipline are necessary for efficient work. Wherever the conduct of the individual could interfere with the administration of the activities which are directed towards the common end, it becomes subject to regulation. At Southwestern these regulations are rather for information and direction than for repression, as it can be assumed that our students are gentlemen sensible of their privileges and aware of the high aims which unite us and are their aims as well.

No group, however, can afford to neglect the physical or moral health of its members. Each year the student body must assimilate new members, and there are a few points on which new students will require direction in order to adjust themselves to college life. Though the best discipline is that which is developed within rather than imposed from without, the first requirement for the new student who wishes to become a college man is loyalty to his college and respect for its traditions.

THE COLLEGE YEAR

The forty-fifth session begins on the third Thursday in September. The academic year includes thirty-six weeks of work, divided into two semesters. The beginning of the second semester is on February 2. The Christmas Holidays begin on Friday, December 19, and extend to Friday, January 2. The first term examinations are from January 23 through the 30th. Commencement Day is the second Tuesday in June. Courses of study are arranged by semesters of eighteen weeks each.

ENROLLMENT

Applicants for admission to the University will be enrolled as students upon presentation of a card, signed by the Registrar, stating they are eligible to enrollment.

For class enrollment, each student receives from the

Chairman of the Curriculum Committee a card on which are noted the courses which he intends to pursue. This card presented to the instructors in these courses entitles the student to have his name enterd on th class roll, and must be presented at the next meeting of the class after his matriculation. Absences will be reckoned from the first meeting of the class.

EXAMINATIONS

Written examinations are held at the close of each semester. Each examination may last three hours. Students who fail to stand any regular examination forfeit their rank in class and unless their absence is excused are counted as failing on the examination.

All examinations are conducted under the honor system. Every student must write on his paper before submitting it, "I have neither given or received help on this examination." Papers which do not contain this pledge with signature may not be graded.

RE-EXAMINATION

In case of failure to pass the regular examination in any subject the student may receive a special examination on payment of a fee of $2.00. The professor is not allowed to give a re-examination until the student shall have submitted a receipt from the Registrar showing that the fee has been paid.

RECORDS AND REPORTS

The University keeps a record of every student in which are noted the conditions under which he entered, his course of study and standing, and any Faculty action which may specifically refer to him.

Soon after the first of every month of the session except January, a report of scholarship and conduct is sent to the parents or guardian of every student under twenty-one.

The President of the University receives from the Faculty, at stated intervals, reports as to the work and progress of the students, and wherever there appears to be need for such a course of action, the President will communicate with the parents or guardian of the student as to the content of the report from the Faculty.

REGISTRATION

Students are required to matriculate promptly. Two days are set apart at the opening of the term for registration. For delayed registration an extra fee of $2.00 is imposed. This fee is used for the Library.

CHANGE IN COURSE

After the first of October a student may not make any change in his course of study without the consent of the Faculty. If any student desires to make a change in his course of study, his application should be made to the Chairman of the Curriculum Committee, from whom he will receive a card which is to be signed by the instructors of the classes concerned. This is to indicate the approval of the professors and also that the change has been duly noted on class rolls. Until this card is presented with all required signatures the student is not excused from attendance upon the course he wishes to discontinue.

When the abandonment of a course is due to previous neglect of work the student shall be recorded as failing in this course for the term.

ABSENCES

One absence from recitations and lectures during each report period is allowed in each course without reduction of grade, but additional absence reduces the student's grade five points. Where such absences have been unavoidable the instructor may permit the student to restore his grade by examination or special assignment.

Absence from chapel is subject to the following regu-

lation: Each absence from chapel reduces the chapel grade 10 per cent. An average chapel grade of less than 70 per cent for any semester will render the student liable to discipline. An average chapel grade of 70 per cent is necessary for graduation.

Leave of absence from class may be granted beforehand by the instructor, but this does not relieve the student of responsibility for any part of the work of his class, and he will be expected to make up lost work.

Leave of absence from the University must be obtained from the Dean on application presented before the absence. The student who absents himself from the University without leave renders himself liable to suspension.

STANDARD OF SCHOLARSHIP

Students whose average daily grade from entrance to the Christmas holidays does not reach 70 per cent in ten hours of their work, physical education and chapel attendance counting as one hour courses, are suspended until the following fall.

Students who fail to pass in ten hours of work in the first semester of any year are suspended until the following fall.

SCHOLARSHIPS

Scholarships awarded by the University are conditioned upon satisfactory conduct and scholastic achievement, and are subject to withdrawal upon failure of the holder to make a satisfactory showing in his studies or for failure to show proper economy and observance of the regulations of the University.

RELIGIOUS INSTRUCTION

Southwestern Presbyterian University aims to be distinctly Christian. Founded by the Presbyterian Church for the purpose of forwarding Christian education, it has always been united to the Church by full and hearty accord in spirit and purpose. The development of Chris-

tian manhood and leadership in Christian service are its purposes, and this not in any spirit of sectarianism but in full accord with essential truth as accepted by all evangelical Christians. Instruction in the Bible has and will always hold a prominent place in the University.

Prayers are held in the chapel at 8:30 a.m. every week day. All students are expected to attend these services, and to attend also the Sunday services of whatever church in Clarksville they may elect, though attendance upon one's own church is urged. In the matter of reporting church attendance students are placed on their honor.

WITHDRAWAL

No student shall withdraw from the University before consulting the President. The penalty incurred by the omission of this courtesy is indefinite suspension.

The University does not conceive its functions to include the problem of disciplining students who are not in sympathy with the ideals and spirit of the institution. The conduct of a responsible citizen and Christian gentleman is expected from all students. In any case where a student becomes antagonistic to the spirit and methods of the University, he thereby severs his relationship with the institution and such student will be dismissed whenever the general welfare dmands such a course.

FEES AND EXPENSES

COLLEGE FEES

All fees are payable in advance. If for any cause this is impracticable, satisfactory arrangements must be made with the Registrar before the opening of the session. Checks are to be made payable to the Southwestern Presbyterian University.

1. A university fee of ten dollars is required of every regular student at the beginning of each semester.

2. The tuition fee is fifty dollars, of which twenty-five is payable at the opening of the session and twenty-five at the beginning of the second semester. No tuition bills are made for a shorter time than a semester and no refund is given except in case of sickness necessitating an absence of a half semester or more, under which conditions half tuition will be refunded. *Students taking more than* 18 *class hours will be charged at the rate of* $3.00 *for each extra hour.* The tuition fee for students who are taking postgraduate work is seventy-five dollars a year, of which forty dollars is payable at the opening of the session and thirty-five at the beginning of the second semester.

3. All Seniors are required to pay a graduation fee of five dollars at the beginning of the second semester. The fee for candidates for the Master degree is ten dollars.

4. A damage deposit of two dollars is required annually of all students on entrance. Damage to college property is charged against this fee. If the student's damage account reaches the amount of the fee at any time during the year a second deposit must be made immediately. Any balance remaining at the end of the year will be returned to the student.

5. A laboratory fee is required of students taking laboratory courses. This fee varies from four to fifteen dollars. Besides this fee, however, the student may be

held liable for careless breakage or other injury to apparatus.

6. Students holding scholarships are exempt from tuition only.

7. All regular students are required to pay the athletic fee of ten dollars.

8. A fee of two dollars a year is charged every student for the use of the Library.

9. No student can be recommended for a degree nor can he receive any statement of attendance or record of credits from the University until all his college fees have been met or provided for.

10. The fees are as indicated in the following summary:

SUMMARY OF COLLEGE FEES

General Fees	Due Sept. 18, 1919	Due Feb. 2, 1920
Tuition	$25.00	$25.00
University fee	10.00	10.00
Damage deposit	2.00	....
Athletic and gymnasium fee	5.00	5.00
Library fee	2.00	....
Totals	$44.00	$40.00
Laboratory Fees.		
Biology 1	$ 4.00	$ 4.00
Biology 2, 3, or 4	5.00	5.00
Chemistry 1	4.00	4.00
Chemistry 2	6.00	6.00
Chemistry 3 or 4	7.50	7.50
Physics 1	3.00	3.00
Physics 2	4.00	4.00
Physics 3 or 4	5.00	5.00
Mechanical Drawing	1.00	1.00
Descriptive Geometry	1.00	1.00
Psychology	2.00	2.00
Surveying		3.00
Special Fees.		
Diploma		$ 5.00
Master's Fee		10.00
Special Examination		2.00
Delayed Registration		2.00

ROOMS

Applications for rooms in the college dormitories should be sent to "The Registrar, Southwestern Presbyterian University, Clarksville, Tennessee." A deposit of $5 is required before the application is filed. The deposit is applied to the rental of the room. This deposit is returnable only in case the Registrar is notified of withdrawal before August 1.

When a student engages a room in a college dormitory it is understood that the arrangement is made for the entire college year. Should a student withdraw after the opening of the college session, room rent will be charged for one semester.

All rooms not engaged by old students before the close of a college year are available for new students and are reserved for them in order of application.

The rooms in the college dormitories are exceedingly comfortable, being large, well lighted and ventilated. They are furnished with chairs, tables, bureaus, wardrobe, two single beds and mattresses. All other bedding, as well as towels, must be supplied by the occupant, as well as rugs and additional furniture, if such is desired.

The charge for each student, when two students occupy a room, is $20.00 a semester. This charge includes the use of furniture, heat, light and water. When a student desires to room alone, he will be charged at the rate of $35.00 a semester.

Students who cannot secure accommodations in one of the college dormitories or who desire to secure rooms with private families may find rooms at prices ranging from $8.00 to $12.00 a month, according to the conveniences desired.

BOARD

The University provides for its students a building which is very probably the best equipped and most sanitary dining hall in the entire South. The dining room, with a capacity for serving two hundred and fifty, has a high beamed ceiling, hardwood floor, and is finished in

Flemish oak. A large open fireplace adds much to its attractiveness and homelikeness. The kitchen is absolutely sanitary with terrazzo floor, white tile base and white cement-plaster walls. Among other devices, there is in the kitchen equipment an electric dishwasher, electric potato-peeler, and motor-driven meat and vegetable chopper. In the basement below the kitchen are ample storage rooms and a cold storage room.

The rate for board is $18 a month and must be paid in advance. When payment is not made before the fifth of any month the charge for that month becomes $19. But under no condition may a student delay payment longer than the 10th of any month.

The charge for board is arranged to cover the actual cost, and the University does not contemplate making a profit from this service. It is believed that wholesome food, well prepared, is essential to effective work, and the University undertakes to furnish this at the lowest possible cost. In order that this cost may be kept within reason, however, the co-operation of all the students is necessary. For this reason all students are urged to board at the college dining hall.

FORTY-THIRD ANNUAL COMMENCEMENT

DEGREES CONFERRED

HONORARY DEGREES

Doctor of Divinity

HENRY WADE DU BOSE.....Mobile, Ala.

Doctor of Science

JAMES ADAIR LYON .....New Orleans, La.

DEGREES IN COURSE

Bachelor of Arts

ARCHIBALD BOSCH
EDWARD HENRY MORROW
CHARLES HANSELL PATTEN
WALTON LAWRENCE SMITH
THOMAS JESSE WHARTON, JR.

Master of Science

JOHN WALKER THOMPSON

STUDENTS OF THE UNIVERSITY

Allen, Bailey Morris ..... Kentucky
Armstrong, Percy Lamar ..... Mississippi
Ayers, Harman Allen ..... Mississippi
Ballou, Clyde Williams ..... Tennessee
Barrett, Charles Menefee ..... Tennessee
Barry, Chester Margaret ..... Tennessee
Baynham, Thomas Elliott ..... Kentucky
Bearden, Edwin ..... Tennessee
Bellamy, Jesse Pleasants ..... Tennessee
Bennett, Doc Frank ..... Louisiana
Biggers, James D., Jr. ..... Mississippi
Blackwood, Allassie ..... Tennessee
Bonds, Vernon Lanier ..... Tennessee
Bradbury, James Luther ..... Tennessee
Bragg, Edward Hyatt ..... Mississippi
Brasfield, Philip Herman ..... Mississippi
Breen, Dale Everett ..... Tennessee
Breland, Benjamin E. ..... Mississippi
Broome, Aubrey Cranford ..... Tennessee
Brown, Gus Dixon ..... Mississippi
Brown, Raymond Earl ..... Louisiana
Brumby, Robert Eldridge ..... Mississippi
Brumfield, Stanford Challie ..... Mississippi
Brunson, Benjamin Dixon ..... Tennessee
Burney, Mary Vick ..... Tennessee
Byrnes, Charles Ralston ..... Mississippi
Caldwell, James Robert ..... Tennessee
Calhoun, Gordon Gray ..... Tennessee
Cannon, Barney Gholson ..... Tennessee
Caroland, Eleanor Lee ..... Tennessee
Castner, George Lewis, Jr. ..... Tennessee
Clements, George Dewey ..... Tennessee
Cobb, Robert Henry ..... Arkansas
Coleman, John Burgin ..... Alabama
Cook, William Collier ..... Tennessee
Corley, Walter Robert ..... Mississippi
Craig, Paul George ..... Mississippi
Craig, Samuel Minter ..... Mississippi
Crane, William Earl ..... Mississippi
Crockarell, George Lee ..... Tennessee
Craft, Lem Edwards ..... Mississippi
Cross, Patrick Henry ..... Tennessee
Crowe, Albin Pilkington ..... Tennessee
Crowe, William, Jr. ..... Tennessee
Crowley, Henry Claude ..... Louisiana
Currie, Roy Ellis ..... Mississippi

Daniel, Thompson Gaines ..... Tennessee
Davis, James Durward ..... Louisiana
Day, Charles Robert ..... Louisiana
Denney, Walter Raymond ..... Tennessee
Donald, Simmons Leath ..... Mississippi
Dority, William Frank, Jr. ..... Tennessee
Downing, William Edward, Jr. ..... Tennessee
Draughn, Paul Vernon ..... Mississippi
Draper, John Allison ..... Kentucky
Dugdale, Clarence Eugene ..... Louisiana
Ecker, Solomon Shepherd ..... Louisiana
Edmondson, Mitchell Clarence ..... Tennessee
Edmondson, John Lewis ..... Tennessee
Edmondson, John Finley ..... Tennessee
Elliott, Robert James ..... Tennessee
Faulk, George Henry ..... Mississippi
Fleischer, Paul ..... Tennessee
Fraser, Edwin Milton ..... Louisiana
Gewin, Mercer Ledbetter ..... Mississippi
Glassell, John Richmond ..... Louisiana
Glassell, Ashton ..... Louisiana
Gordon, Carolyn Ferguson ..... Tennessee
Gorman, John Catlett ..... Tennessee
Gracey, Donald ..... Tennessee
Graham, Charles Edward, Jr. ..... Kentucky
Grantham, Charles Rupert ..... Mississippi
Greene, Bernard C. ..... Tennessee
Gregory, Hugh Lester ..... Tennessee
Guice, Charles Edwin ..... Mississippi
Hale, Edward Robert ..... Tennessee
Hale, Paul Clarence ..... Tennessee
Hampton, N. Blanchard ..... Louisiana
Hand, Walter Calvin ..... Alabama
Harned, Margaret Elizabeth ..... Tennessee
Harvey, Abner Brown ..... Tennessee
Holley, Lonney P. ..... Mississippi
Irby, William W. ..... Tennessee
Jenkins, Edmond Beall ..... Tennessee
Jenkins, Hyde R. ..... Mississippi
Jones, Hearcey Marcelle Edward ..... Louisiana
Jones, Brinkley Bishop ..... Tennessee
Johnston, Robert D. ..... Tennessee
Judah, Leopold Newburger ..... Tennessee
King, Albert L. ..... Tennessee
King, Sandie Raymond ..... Mississippi
Kingins, Marvin Jack ..... Tennessee
Kitchell, Horace Yeargin ..... Mississippi
Ladd, James Emmett ..... Tennessee
Ladd, Walter Garnett ..... Tennessee

Lang, O. Ross ..... Louisiana
Lea, Elbert Zeno ..... Louisiana
Leggett, Julian Wright ..... Mississippi
Leppert, J. Ellsworth, Jr. ..... Tennessee
Lindamood, John Alexander ..... Mississippi
Lindamood, Samuel Johnston ..... Mississippi
Lindsey, Ewart G. ..... Mississippi
Litton, Luther ..... Mississippi
Love, Joseph Bennett ..... Mississippi
Lovett, John F. ..... Louisiana
Lueg, Felix Willard ..... Mississippi
Lyle, Thomas Herndon ..... Tennessee
Lynn, William Harris ..... Tennessee
McBride, Frank White ..... Tennessee
McCutchen, Samuel Proctor ..... Mississippi
McClanahan, William ..... Tennessee
McCraw, John Turner ..... Tennessee
McGreevy, Brice ..... Louisiana
McKoin, John Middleton ..... Tennessee
McLean, Emerson Davis ..... Mississippi
McReynolds, Robert Louis ..... Tennessee
Marable, Houston Lane ..... Tennessee
Marcum, James O. ..... Tennessee
Martin, William Herrin ..... Mississippi
Mee, John H. ..... Tennessee
Medcalf, John Dixie ..... Tennessee
Meriwether, Leonard T. ..... Kentucky
Millard, Walter John ..... Tennessee
Mills, Jackson McDaniel ..... Tennessee
Mixon, Ellison ..... Alabama
Mixon, Travis, Jr. ..... Alabama
Mixon, William Bernard ..... Mississippi
Morgan, Albert Mahlone ..... Louisiana
Morrison, Forrest William ..... Tennessee
Morrow Henry Siebert ..... Tennessee
Moseley, Ben F. ..... Mississippi
Murphy, Sam McCarty ..... Tennessee
Naive, Margaret Louise ..... Tennessee
Neblett, John B. ..... Tennessee
Nobles, Gathel Ira ..... Mississippi
Offutt, Jack Adrian ..... Louisiana
O'Neal, Barnett Philips ..... Tennessee
Outlaw, Cave Augustus ..... Kentucky
Parrott, Alonzo Leslie ..... Tennessee
Patch, Benjamin Avery, Jr. ..... Tennessee
Perkins, Mary Louise ..... Tennessee
Pope, Andrew Jackson ..... Mississippi
Regester, James Garland ..... Tennessee
Richards, William Glauber ..... Kentucky

Rogers, Benjamin Robert	Louisiana
Royster, George William	Tennessee
Rubenstein, Moses	Tennessee
Ruffin, William Vernon	Tennessee
Russell, Erwin E.	Mississippi
Rutherford, Gordon	Tennessee
Schindler, Mary	Tennessee
Scott, John Hubert	Tennessee
Shirley, Ernest Middleton	Louisiana
Simpson, Ernest Newton	Tennessee
Smith, Mildred Louise	Tennessee
Smith, Ursula Lee	Tennessee
Smith, Charles Russell	Tennessee
Smith, Robert H.	Tennessee
Smith, Frederick Norman, Jr.	Tennessee
Smith, Clarence James	Tennessee
Sutherland, Essie	Tennessee
Snell, Alto Lee	Tennessee
Spearman, Braxton Robert	Mississippi
Streibich, Fred Franklin	Mississippi
Taylor, Mildred	Tennessee
Therrel, Frank Buchanan	Tennessee
Therrel, Malcolm Dunlap	Tennessee
Thomas, Carlyle	North Carolina
Trahern, Margaret Elwyn	Tennessee
Turnley, Carrie Bryan	Tennessee
Walker, Kirby Pipkin	Mississippi
Washington, Lawrence A., Jr	Kentucky
Watson, Paul McLaurin	Mississippi
Wayne, Will Purnell	Louisiana
Weakley, Thomas Plaster	Tennessee
White, Ernest	Alabama
Wilson, Cyril Crawford	Tennessee
Winn, Emmett Howser	Tennessee
Wyatt, Loran Leonard	Tennessee
Wyble, Ollie Louis	Louisiana
York, Kathrine Elizabeth	Tennessee

TABULATION OF STUDENTS ACCORDING TO RESIDENCE

Tennessee	99
Mississippi	45
Louisiana	22
Kentucky	8
Alabama	5
Arkansas	1
North Carolina	1
Total	181

UNIVERSITY OF ILLINOIS-URBANA
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